



# STIC Search Report

## EIC 3700

STIC Database Tracking Number: 226519

TO: Shumaya Ali  
Location: RND 7d58  
Art Unit: 3771  
Friday, June 01, 2007

Case Serial Number: 10/596328

From: Ethel Leslie  
Location: EIC 3700  
RND 8A34  
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Ethel.leslie@uspto.gov

### Search Notes

Shumaya,

Attached is the completed search for two containers connected with a label. I did an extensive search on the requested topic in a number of bibliographic and full-text databases as well as on the Internet. I found several items that I think might help you – they are marked with blue flags. Please be sure to look over all the results as there may be other items of interest. I have attached the search strategies used for the searches performed.

I hope you find this search helpful. If you have a moment, please fill out the attached STIC Feedback Form. And, if there is anything I can do to refine or revise this search, please let me know.

Sincerely,  
Ethel Leslie

Set	Items	Description
S1	2284996	S CONTAINER? ? OR CANISTER? ? OR CANNISTER? ? OR BOTTLE? ? OR DISPENSER? ? OR RECEPTACLE? ? OR CYLINDER? ? OR JAR OR JARS OR DRUM OR DRUMS OR VESSEL? ? OR CANS
S2	1415462	S FERRULE? ? OR COLLET? ? OR SEAL??? OR STOPPER? OR PLUG? ? OR PLUGG??? OR CLOSURE? ?
S3	348306	S (ADD()ON OR ADDITIONAL OR AFFIX? OR ATTACH? OR ADJACENT?) (3N) (COMPONENT? ? OR ELEMENT? ? OR MEMBER? ? OR S1) OR (DOSE? ? OR DOSING?)(2N)COUNTER? ?
S4	3744895	S LABEL? ? OR STICKER? ? OR DECAL? ? OR DECALCOMANIA? OR STAMP? ? OR WRAP? ? OR WRAPPER? ? OR FILM OR FILMS OR PASTER? ? OR PLATE? ? OR NAMEPLATE?
S5	550261	S IC=(A61M? OR A61J? OR B44C? OR B65C? OR B65D?)
S6	146247	S S1(5N)S2
S7	197866	S S4(5N)(ADHER? OR ADHESIV? OR ADHESION? OR GUMMED OR GUMMY OR STICK??? OR STUCK OR GLUE? ? OR GLUING OR TACKY OR TACKI????)
S8	68	S S6(S)S3(S)S7
S9	45	S S8 AND S5
S10	23	S S8 NOT S9
S11	261272	S S1(5N)(TWO OR DOUBLE OR TWIN OR PAIR OR SECOND OR SECONDARY OR DUAL OR DUO OR COUPLE OR BOTH)
S12	115	S S11(S)S3(S)S7
S13	33	S (S12 NOT S8) AND S5
S14	115	S S11(S)S6(S)S7
S15	55	S (S14 NOT (S8 OR S13)) AND S5
S16	184006	S S1(10N)S2
S17	213	S S16(S)(S3 OR S11)(S)S7
S18	24	S (S17 NOT (S8 OR S13 OR S15)) AND S5
S19	88	S S16(S)S3(S)S7
S20	0	S (S19 NOT (S8 OR S13 OR S15 OR S18)) AND S5
S21	122966	S S4(5N)(AROUND OR CIRCLE? ? OR CIRCLING OR SURROUND? OR ENCIRCL? OR OVERLAP? OR OVER() (LAP OR LAPS OR LAPPED OR LAPPING) OR ABOUT)
S22	1628	S S21(10N)(S3 OR S11)
S23	126	S S22 (S) S16
S24	23	S (S23 NOT (S8 OR S13 OR S15 OR S18)) AND S5

; show files

[File 350] Derwent WPIX 1963-2007/UD=200734

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\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.

[File 347] JAPIO Dec 1976-2006/Dec(Updated 070403)

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9/12/4 (Item 4 from file: 350) [Links](#)

Derwent WPIX

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0014325404

WPI Acc no: 2004-513120/200449

XRPX Acc No: N2004-406165

**Storage container for foodstuffs e.g. noodles, has ring equipped with part to which knob of lid main body is adhered completely, and is inserted in between lid main body and container main body**

Patent Assignee: SUGIYAMA S (SUGI-I)

Inventor: SUGIYAMA S

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2004196416	A	20040715	JP 2002383393	A	20021217	200449	B

Priority Applications (no., kind, date): JP 2002383393 A 20021217

#### Alerting Abstract JP A

NOVELTY - A ring (2) inserted in between lid (1) main body and container main body (3) has a part (7) to which knob (5) of lid main body is adhered completely. The ring is adhered on the circumference of the lid via adhesion sticker part (6).

USE - Used as packaging of foodstuffs e.g. noodles.

ADVANTAGE - Simplifies structure, which enables to easily attach/detach lid from container main body. Excellent in sealing property.

DESCRIPTION OF DRAWINGS - The figure is the perspective diagram showing the whole structure of the storage container.

1 Lid

2 Ring

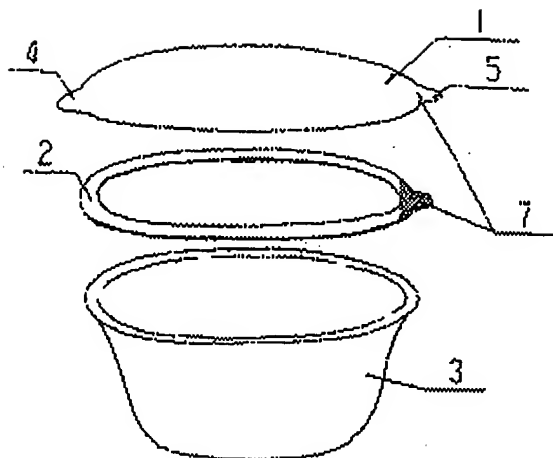
3 Container main body

5 Knob

6 Adhesion sticker part

7 Part

**Main Drawing Sheet(s) or Clipped Structure(s)**



**Title Terms /Index Terms/Additional Words:** STORAGE; CONTAINER; FOOD; NOODLE; RING; EQUIP; PART; KNOB; LID; MAIN; BODY; ADHERE; COMPLETE; INSERT

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-077/20			Main		"Version 7"
B65D-081/34			Secondary		"Version 7"

File Segment: EngPI; ;  
DWPI Class: Q34

9/12/9 (Item 9 from file: 350) [Links](#)

Derwent WPIX

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0013635495

WPI Acc no: 2003-731234/200369

XRPX Acc No: N2003-584545

**Packaging container for storage of multiple pieces of cotton with liquid disinfectant has commercial label that includes main portion with print that is adhered to outer surface of main wall of outer lid**

Patent Assignee: MEISEI SANSHO CO LTD (MEIS-N); MYOJO SANSHO KK (MYOJ-N)

Inventor: ONISHI H; ONISHI S

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030183540	A1	20031002	US 2002183634	A	20020628	200369	B

## Alerting Abstract US A1

**NOVELTY** - An inner seal lid (2) seals the exit of the container body (1). The seal lid includes a removable rim adhered to the top surface of the flange wall. The outer lid (3) has a sealing wall (20) that engages the rim of the seal lid on the upper surface of the flange wall (12). The commercial label (4) includes a main portion (32) with print that is adhered to outer surface of the main wall (19) of the outer lid.

**DESCRIPTION** - The label also includes a hinge portion (33) that continues from the main portion and adheres to a wall surface of the container body. An **INDEPENDENT CLAIM** is also included for a using method for a container.

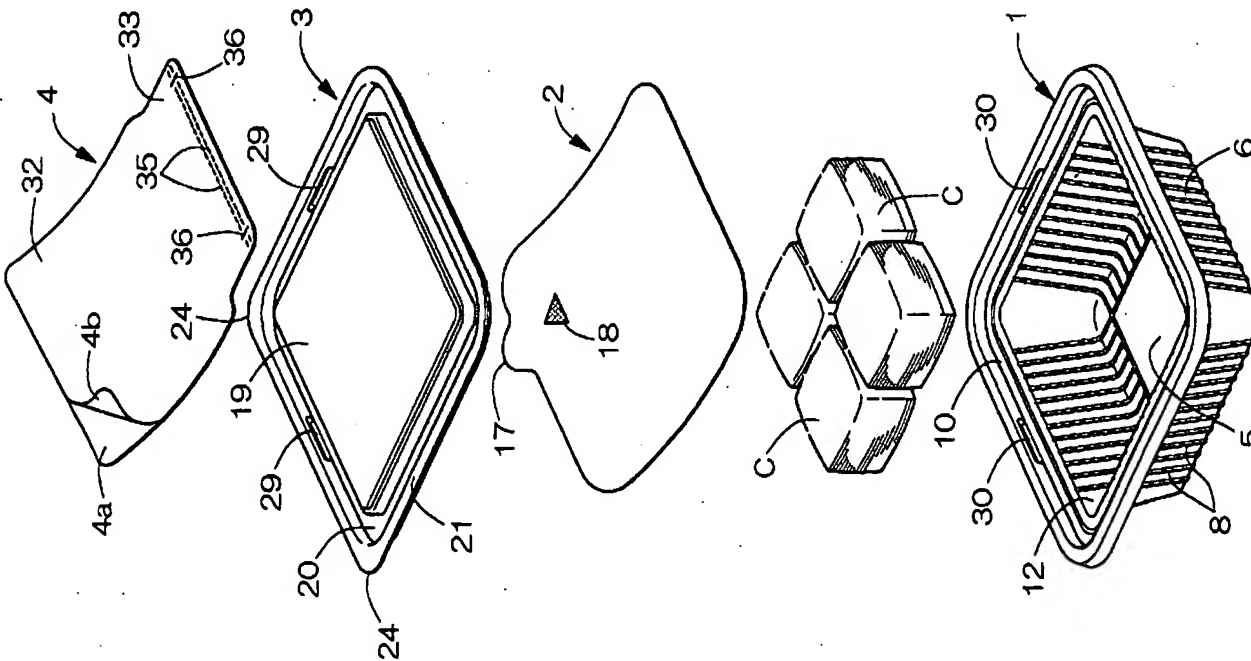
**USE** - For storage of multiple pieces of cotton in which liquid disinfectant e.g. rubbing alcohol is impregnated.

**ADVANTAGE** - Allows the user to repeatedly and tightly seal an exit even after a user peels a seal lid sealing the exit of the container body. Enables user to easily and smoothly take out the cotton pieces stored in the container.

**DESCRIPTION OF DRAWINGS** - The figure shows an exploded perspective view of the packaging container.

- 1 Container body  
2 Inner seal lid  
3 Outer lid  
4 Commercial label  
12 Flange wall  
19 Main wall  
20 Sealing wall  
32 Main portion  
33 Hinge portion

**Main Drawing Sheet(s) or Clipped Structure(s)**



**Title Terms /Index Terms/Additional Words:** PACKAGE; CONTAINER; STORAGE; MULTIPLE; PIECE ; COTTON; LIQUID; DISINFECT; COMMERCIAL; LABEL; MAIN; PORTION; PRINT; ADHERE; OUTER;

SURFACE; WALL; LID

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-045/02; B65D-077/20; B65D-081/22; B65D-081/24			Main		"Version 7"
A61J-001/05; B65D-001/34; B65D-017/00; B65D-025/20; B65D-043/00; B65D-043/10; B65D-043/16; B65D-051/18; B65D-051/24; B65D-053/00; B65D-077/22; G09F-003/00; G09F-003/04; G09F-003/10			Secondary		"Version 7"

US Classification, Issued: 206205000, 206209000, 206210000, 206459500, 220259100

File Segment: EngPI; ;

DWPI Class: Q32; Q33; Q34

9/12/16 (Item 16 from file: 350) [Links](#)

Derwent WPIX

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0011038110

WPI Acc no: 2001-018427/200103

XRAM Acc no: C2001-005338

XRPX Acc No: N2001-014068

**A container having a childproof plug closure, comprising a ring designed so that it must be gripped at a pair of diametrically opposite points to allow any twisting action to transmit a lifting force to the sealing plug**

Patent Assignee: REXAM CONTAINERS LTD (REXA-N)

Inventor: RANDALL J

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2349637	A	20001108	GB 199910030	A	19990501	200103	B

Priority Applications (no., kind, date): GB 199910030 A 19990501

**Alerting Abstract GB A**

NOVELTY - A child-resistant container and closure designed so that it must be gripped at a pair of diametrically opposite points to allow any twisting action to transmit a lifting force to the sealing plug

DESCRIPTION - A container and its closure comprise:

- A. a container having a cylindrical neck with an open top,
- B. an operating ring held captive on the outside of the container neck for rotation upon it adjacent the open top,
- C. a plug closure adapted to be pressed into and close the open top,
- D. a first operator formed on (c) and adapted to extend around the outside of the neck adjacent the open top, and
- E. a second operator formed on the inside of the operating ring at 2 diametrically-opposite points and adapted to engage (d).

The operators (d) and (e) are so constructed that rotation of the operating ring on the container when the operators are gripped and squeezed at the 2 points causes axial movement of the plug closure out of the container.

USE - The container is useful as a tamper-proof device

ADVANTAGE - Tamper evidence is achieved using a frangible disk (e.g. a heat-sealed **film** or **glued-on paper**) attached across the outside top of the ring and **plug** during **assembly**

**Title Terms /Index Terms/Additional Words:** CONTAINER; CHILD; PLUG; CLOSURE; COMPRISE; RING; DESIGN; SO; MUST; GRIP; PAIR; DIAMETER; OPPOSED; POINT; ALLOW; TWIST; ACTION; TRANSMIT; LIFT; FORCE; SEAL

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-050/04			Main		"Version 7"

File Segment: CPI; EngPI

DWPI Class: B07; Q33

Manual Codes (CPI/A-N): B11-C06

#### Chemical Indexing

Chemical Fragment Codes (M6) :

\*01\* M905 R750 R770

9/12/25 (Item 25 from file: 350) [Links](#)

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0008446090

WPI Acc no: 1997-110986/199711

XRAM Acc no: C1997-035467

XRPX Acc No: N1997-091846

**Piping bag for bakery product - where flexible plastic bag contg. bakery prod. has insert adapted to receive spray nozzle or closure cap, device being usable for storing prod. and for dispensing**

Patent Assignee: FRIESLAND BRANDS BV (FRIE-N); VER COOP MELKINDUSTRIE COBERCO B A (VEME-N)

Inventor: OOMS G

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 757006	A1	19970205	EP 1996202180	A	19960802	199711	B

Priority Applications (no., kind, date): NL 1000926 A 19950803

Regional Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

#### Alerting Abstract EP A1

A piping bag contg. a bakery product comprises: (a) a flexible bag type holder (1) of plastic film material (11) with bakery product therein, having a sealed or glued joint (12, 13), and having (b) an angular tip (2), removable along a line (17) to form a spray opening (3), and (c) an insert (4) having a central passage (18), disposed adjacent the removable tip (2), the insert being spot welded (7) to the plastic film (11), and provided with (d) means (5) or (9) for attaching a spray nozzle (6) or a closure cap (14).

Also claimed is mfr. of the piping bag.

Pref. the bag is made from a continuous plastic film web which is sterilised and formed and filled under a sterile screen of pressurised laminar gas flow. The insert (4) is made from polyethylene or polypropylene and has a screw thread (5) or bayonet catch (9) for attaching a spray nozzle (6) or a closure cap (14).

USE - For dispensing a bakery product in a decorative spray.

ADVANTAGE - Serves as a storage packet and as a dispenser.

**Title Terms /Index Terms/Additional Words:** PIPE; BAG; BAKE; PRODUCT; FLEXIBLE; PLASTIC; CONTAIN; INSERT; ADAPT; RECEIVE; SPRAY; NOZZLE; CLOSURE; CAP; DEVICE; STORAGE; DISPENSE

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-075/58			Main		"Version 7"
B65B-003/02			Secondary		"Version 7"
B65B-0003/02	A	I		R	20060101
B65D-0075/58	A	I		R	20060101
B65D-0085/36	A	N		R	20060101
B65D-0085/72	A	N		R	20060101
B65B-0003/00	C	I		R	20060101
B65D-0075/52	C	I		R	20060101
B65D-0085/30	C	N		R	20060101
B65D-0085/72	C	N		R	20060101

File Segment: CPI; EngPI



DWPI Class: A92; P28; Q31; Q32; Q34  
Manual Codes (CPI/A-N): A11-C01A1; A12-P02

Specific Compound Numbers: R00326; R00964  
Derwent Chemistry Resource Numbers: (Linked) 1013-DIS; 1145-DIS; 1013; 1145

9/12/29 (Item 29 from file: 350) [Links](#)  
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0007167280

WPI Acc no: 1995-206853/199527

XRPX Acc No: N1995-162094

**Food pack for lunches or portions of snack foods - uses two containers with pockets sealed by adhesive film with releasable system securing containers together**

Patent Assignee: UNITED BISCUITS LTD (UNBI-N)

Inventor: JONES A N

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1995014623	A1	19950601	WO 1994GB2569	A	19941123	199527	B

Priority Applications (no., kind, date): GB 199324171 A 19931124

National Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU  
JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ  
TT UA US UZ VN

Regional Designated States: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ

#### Alerting Abstract WO A1

The food pack is made up of two containers (1, 2). Each of these has a number of food containing pockets (4, 5, 6). The mouths of the pockets of each container are coplanar and the pockets extend on the same side of the plane containing the mouths. The mouths of the pockets are sealed by a film that is adhesively attached to the container around the mouths.

A releasable system is included to secure the two containers together so that the sealing film of one container is contiguous with the sealing film of the other.

ADVANTAGE - Can be made from blow moulded sheet and allows a variety of different foods to be placed in different pockets.

**Title Terms /Index Terms/Additional Words:** FOOD; PACK; PORTION; SNACK; TWO; CONTAINER; POCKET; SEAL; ADHESIVE; FILM; RELEASE; SYSTEM; SECURE

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-071/12; B65D-075/34			Main		"Version 7"
B65D-071/00; B65D-071/06; B65D-075/02; B65D-077/00; B65D-085/36			Secondary		"Version 7"

File Segment: EngPI; ;  
DWPI Class: Q34

9/12/37 (Item 37 from file: 350) [Links](#)

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0005187439

WPI Acc no: 1990-178261/199023

XRAM Acc no: C1990-077374

**Applying heat-shrink film or labels to containers - in which during formation of joint between overlapping ends of the film, pressure is applied to any otherwise unsupported film end portions**

Patent Assignee: TRINE MFG CO INC (TRIN-N)

Inventor: DICKEY D M

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 4923557	A	19900508	US 1988226660	A	19880801	199023	B

Priority Applications (no., kind, date): US 1988226660 A 19880801

#### Alerting Abstract US A

Appts. for applying a solvent reactive heat shrink film to a container having first and second outer wall sections having a major and a minor dia. respectively, comprises: (a) a rotary vacuum drum for transporting a strip of the film upon its outer surface, (b) means for applying adhesive to the inner face of the film either along its leading end or along one elongate edge, (c) means for applying solvent to the inner face of the trailing end of the film, (d) means for bringing a container into tangential contact with the adhesive on the film, (e) a curved stationary roll-on pad cooperating with the vacuum drum to rotate the container and wrap the adhesively **attached** film around the **container** and form an overlapping solvent **seal** along a portion of the film supported by the first outer wall section of the container, (f) means for applying pressure to the inner wall of the film along an unsupported section of the film backed by the vacuum drum, and (g) means for applying heat to the unsupported portion of the film to shrink it around the second outer wall section of the container.

USE/ADVANTAGE - Method is esp. for applying full-wrap heat shrinkable labels or films to containers or cup members of curved, conical or irregular shape. The label shrinks uniformly when heated to form a tight clean wrap around the container. @(11pp Dwg.No.0/11)

**Title Terms /Index Terms/Additional Words:** APPLY; HEAT; SHRINK; FILM; LABEL; CONTAINER; FORMATION; JOINT; OVERLAP; END; PRESSURE; UNSUPPORTED; PORTION

**Class Codes**

**International Patent Classification**

IPC	Class Level	Scope	Position	Status	Version Date
B29C-0063/40	A	I		R	20060101
B65B-0053/00	A	I	L	R	20060101
<b>B65C-0003/08</b>	A	I	F	R	20060101
<b>B65C-0003/16</b>	A	I		R	20060101
G09F-0003/04	A	I		R	20060101
B29C-0063/38	C	I		R	20060101
B65B-0053/00	C	I	L	R	20060101
<b>B65C-0003/00</b>	C	I		R	20060101
G09F-0003/04	C	I		R	20060101

US Classification, Issued: 156086000, 156215000, 156285000, 156448000, 156456000

File Segment: CPI

DWPI Class: A32; A92

Manual Codes (CPI/A-N): A09-A01A; A11-A; A11-B02E; A12-P; A12-P04; A12-S06

9/5/43 (Item 1 from file: 347) [Links](#)

JAPIO

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07718340 \*\*Image available\*\*

**GLASS BOTTLE**

**Pub. No.:** 2003-212240 [JP 2003212240 A ]

**Published:** July 30, 2003 (20030730)

**Inventor:** FUJITA NORIYUKI

NAGATA KOICHI

TAKAHASHI MASAHIKO

**Applicant:** TOYO GLASS CO LTD

**Application No.:** 2002-012476 [JP 200212476]

**Filed:** January 22, 2002 (20020122)

**International Class:** B65D-023/08; B65D-023/00; B65D-053/00; C09D-101/26; C09D-105/04; C09J-005/02

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a glass bottle with a seal and a heat-sensitive label affixed thereto in which the adhesive force of the seal and the heat-sensitive label to a glass surface is improved, and degradation of

the adhesive force caused by weathering of glass is suppressed.

**SOLUTION:** A top surface of a mouth part to which the **seal** of the glass **bottle affixed** thereto and a barrel part to which the heat-sensitive label are treated with water, alcohol, or any solution containing inorganic or organic acid. Alkali contents in the vicinity of the glass surface and internal surface are removed by this treatment, a so-called dealkalized state is realized, and the adhesive strength of a thermosoftening adhesive is improved. The exudation quantity of the alkali content to the surface when the glass is weathered is reduced, the quantity of inorganic salt deposited on the surface is reduced, and degradation of adhesivity of the thermosoftening adhesive is suppressed.

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10/5/21 (Item 4 from file: 347) [Links](#)

JAPIO

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05938972 \*\*Image available\*\*

#### **LABEL FOR CONTAINER USING REMOVABLE TYPE ADHESIVE**

**Pub. No.:** 10-222072 [JP 10222072 A ]

**Published:** August 21, 1998 (19980821)

**Inventor:** TAKASHIMA NORIO

**Applicant:** TAKASHIMA NORIO [000000] (An Individual), JP (Japan)

**Application No.:** 09-031369 [JP 9731369]

**Filed:** January 31, 1997 (19970131)

**International Class:** [ 6 ] G09F-003/10; G09F-001/08

**JAPIO Class:** 30.9 (MISCELLANEOUS GOODS -- Other); 11.4 (AGRICULTURE -- Food Products); 14.2 (ORGANIC CHEMISTRY -- High Polymer Molecular Compounds); 31.2 (PACKAGING -- Containers)

#### **ABSTRACT**

**PROBLEM TO BE SOLVED:** To easily and economically recycle pet bottles of which recycling has been very expensive due to various labels such as trademark, etc.

**SOLUTION:** A label 1, where a trademark indication part 2, an original material indication part 3, remarks 4, etc., are printed on a sheet of paper, plastic film, etc., is labeled around a container. On a surface labeling this **label 1**, a removable **adhesive** layer like Post-it (a brand name), etc., is formed, and the **label** is **adhered** on a PET bottle 5 with this removable type adhesive. Moreover, on a meeting part of both ends 1a, 1b of the label 1 on the back of the **bottle**, an **additional seal 6** is **adhered** so as to prevent this **label 1** from being removed (especially, intentional removal) from the bottle during distribution stage of the commodity. When PET containers 5 are abandoned after a consumption stage, this label 1 is peeled off from the containers 5. For instance, the label can be removed from PET bottle 5 very easily, and PET bottles in this state are transferred to recycling process after collected.

13/12/13 (Item 13 from file: 350) [Links](#)

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0009065504

WPI Acc no: 1998-272500/199824

Related WPI Acc No: 1999-228057

XRPX Acc No: N1998-213889

**Rotatable presentation device for education, entertainment, etc. - has inner and outer shells concentrically and rotatably mounted with rims providing limiting of movement of outer shell along axis of container**

Patent Assignee: KEY DESIGN LLC STEPHEN (KEYD-N); KEY S M (KEYS-I)

Inventor: KEY S M

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998019289	A1	19980507	WO 1997US19901	A	19971031	199824	B

Priority Applications (no., kind, date): WO 1997US19901 A 19971031; US 1996597854 A 19960207; US 1996741607 A 19961031

National Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States: AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW AL LI LT LV RO SI MK

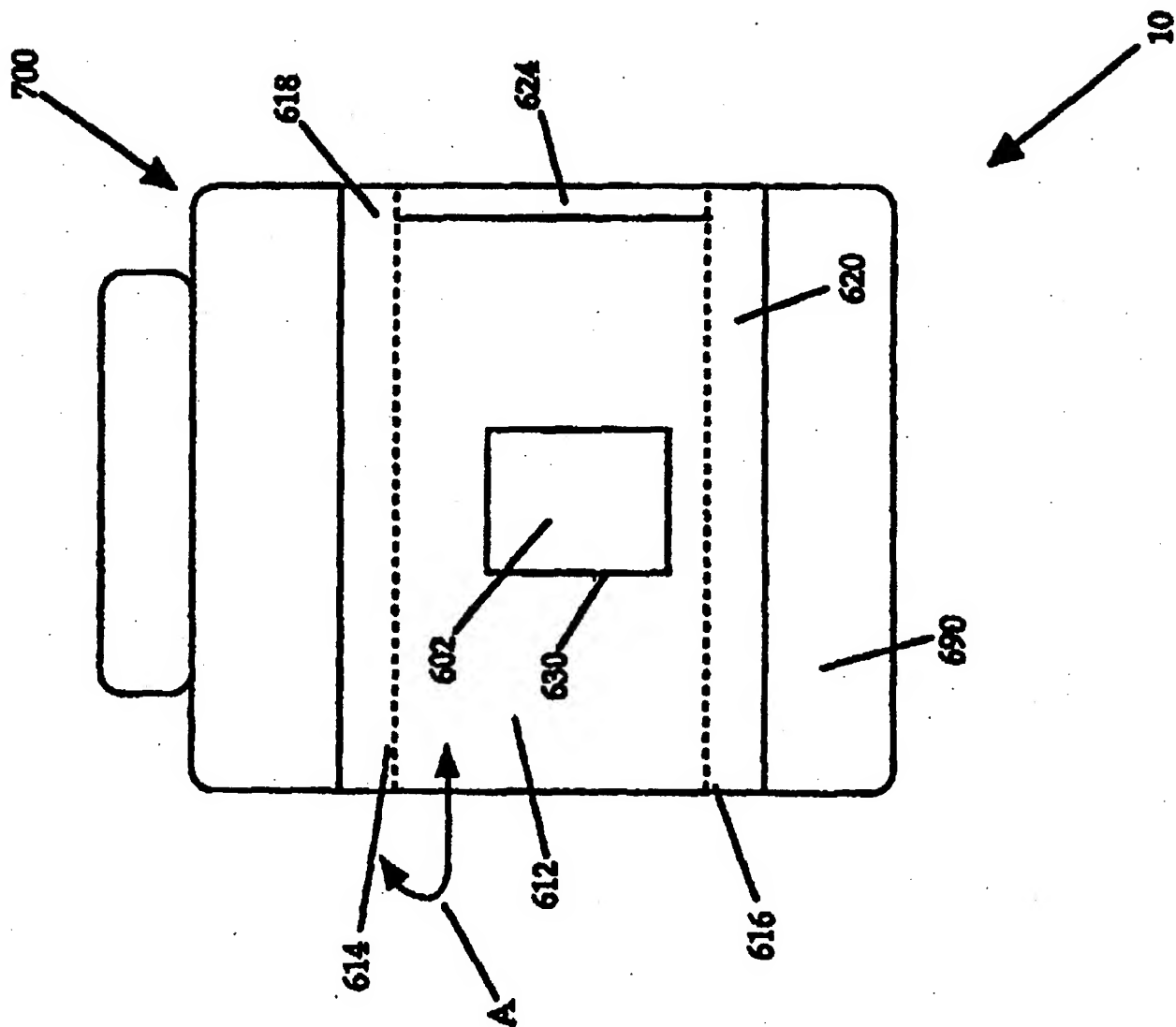
#### **Alerting Abstract WO A1**

The device (10) includes one or more shells (i.e. rotatable label(s), preferably rotatably mounted on a container. pharmaceutical or utilitarian purposes. An inner shell has an outer shell (612) material attached thereto, is shown. The outer shell material has an outer shell body and an upper portion and a lower portion respectively separated from the outer shell body by a first set of perforations and a second set of perforations (614,61). The inner shell preferably performs the same functions as inner shell, and may be formed from any of the previously identified suitable materials. The inner shell is comprised of an inner shell material that is connected to the outer shell material by an adhesive substance.

The outer shell includes a pair of opposed outer side portions (618) and (620) which are releasable when the sets of perforations are torn or broken. The outer shell is formed with an ear or lug (624) and includes a window or transparent region (630). The adhesive substance (526) is disposed on the back of the outer side portions and the back of the ear or lug.

ADVANTAGE - Permits a user to control a visual interplay between separate layers of information. The device may be manufactured from any suitable material and is capable of many different embodiments, and can incorporate any information or graphic artwork or any other type of indicia. The information can include alphanumeric data alone or in conjunction with other types of graphic artwork. Further. The rotatable presentation device may be incorporated into a wide range of products as a unique feature of the product. In addition to purely aesthetic uses.

#### **Main Drawing Sheet(s) or Clipped Structure(s)**



**Title Terms /Index Terms/Additional Words:** ROTATING; PRESENT; DEVICE; EDUCATION; ENTERTAINMENT; INNER; OUTER; SHELL; CONCENTRIC; MOUNT; RIM; LIMIT; MOVEMENT ; AXIS; CONTAINER

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G09F; G09F-003/00; G09F-003/02; G09F-003/10; G09F-003/20			Main		"Version 7"
<b>B65D-023/08; B65D-025/20</b>			Secondary		"Version 7"

US Classification, Issued: 040306000, 040310000, 040506000

File Segment: EngPI; ;  
DWPI Class: P85; Q32

13/12/28 (Item 28 from file: 350) [Links](#)

Derwent WPIX

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0004352728

WPI Acc no: 1988-085221/198813

**Self-adhesive label for transfusion bottle - has projecting edge flap with slot to permit suspension**

Patent Assignee: SCHERING AG (SCHD)

Inventor: WILMS E

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 3631021	A	19880324	DE 3631021	A	19860909	198813	B

Priority Applications (no., kind, date): DE 3631021 A 19860909

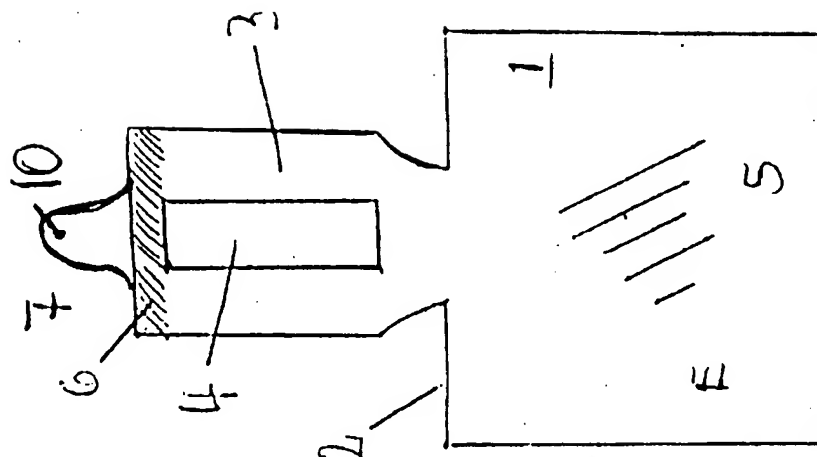
#### Alerting Abstract DE A

The element affixed to an infusion and/or transfusion bottle or the like to permit its suspension comprises a self-adhesive label (1) have one edge (2) provided with at least one projecting flap (3) with a pref. longitudinally extending, suspension opening (4).

The label may have a strongly adhesive coating (5) whilst the end (7) of the flap has a lightly adhesive coating (6) to permit releasable (10) affixing to the bottom of the bottle. The label may have two parallel flaps with the distances between their axes equal to half the bottle dia. The length of the flaps may equal the bottle dia.

USE/ADVANTAGE - Label, e.g. with text, is **affixed** to **bottles** intended for hospital use etc. by manufacturer of contents. It facilitates handling at point of use and can be affixed, e.g. from continuous strip, by label dispensing unit.

#### Main Drawing Sheet(s) or Clipped Structure(s)



**Title Terms /Index Terms/Additional Words:** SELF; ADHESIVE; LABEL; TRANSFUSION; BOTTLE; PROJECT; EDGE; FLAP; SLOT; PERMIT; SUSPENSION

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61M-005/14; B65D-025/22; G09F-003/02			Secondary		"Version 7

File Segment: EngPI; ;  
DWPI Class: P34; P85; Q32

15/12/24 (Item 24 from file: 350) [Links](#)

Derwent WPIX

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0009752921

WPI Acc no: 2000-039349/200003

XRAM Acc no: C2000-010282

XRPX Acc No: N2000-029660

#### Container system for handling toxic products

Patent Assignee: AVENTIS CROPSCIENCE SA (AVET); RHONE-POULENC AGROCHIMIE (RHON)

Inventor: GERMAN S

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999059892	A1	19991125	WO 1999FR1194	A	19990520	200003	B



Priority Applications (no., kind, date): FR 19986561 A 19980520

National Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG

MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW  
Regional Designated States: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU

MC MW NL OA PT SD SE SL SZ UG ZW

#### **Alerting Abstract WO A1**

**NOVELTY** - The container for toxic products has a disposable primary container (1) for the toxic material within a secondary container (2) which can be used repeatedly. The material can be discharged (4) through the containers (1,2), with a faucet (5) which can be opened and closed. The second container (2) can be closed (7) separately from the faucet, for the insertion and removal of the primary container (1).

**DESCRIPTION** - The closure gives a simultaneous free flow or blockage action at both containers (1,2). The faucet is a valve, screw cock, a single or multiple port, plug, flow regulator or a rotary disk distributor to give a total open or closed position. The primary container is locked in place when within the second container, and cannot shift during transport and/or handling and/or use. The second container has a cover, a base and a fixed side, as part of the container or not. The second container can be opened and closed repeatedly, when a primary container is inserted or removed. The connections allow the product to be discharged by gravity. The container can hold 500g to 50 kg, or 1-25 kg. The labeling is by a direct printing, adhesive label, clipping or shrinkage. The container has a contents level control. The container system is fitted with grips, and feet.

**USE** - The container system is for toxic products, which can be discharged by gravity, and which are a health hazard if inhaled or ingested. They are chemicals such as for industrial, phytosanitary or agricultural use, leaches, fertilizers, cleaning materials, pesticides, herbicides, fungicides, insecticides or for use against vermin. The chemicals are in liquid or viscous form, or in loose powder or granules.

**ADVANTAGE** - The container system prevents leakage when filled with toxic chemicals, and resists corrosion or mechanical damage which could cause an escape of the contents.

**DESCRIPTION OF DRAWINGS** - The drawing shows the container system.

1 primary container

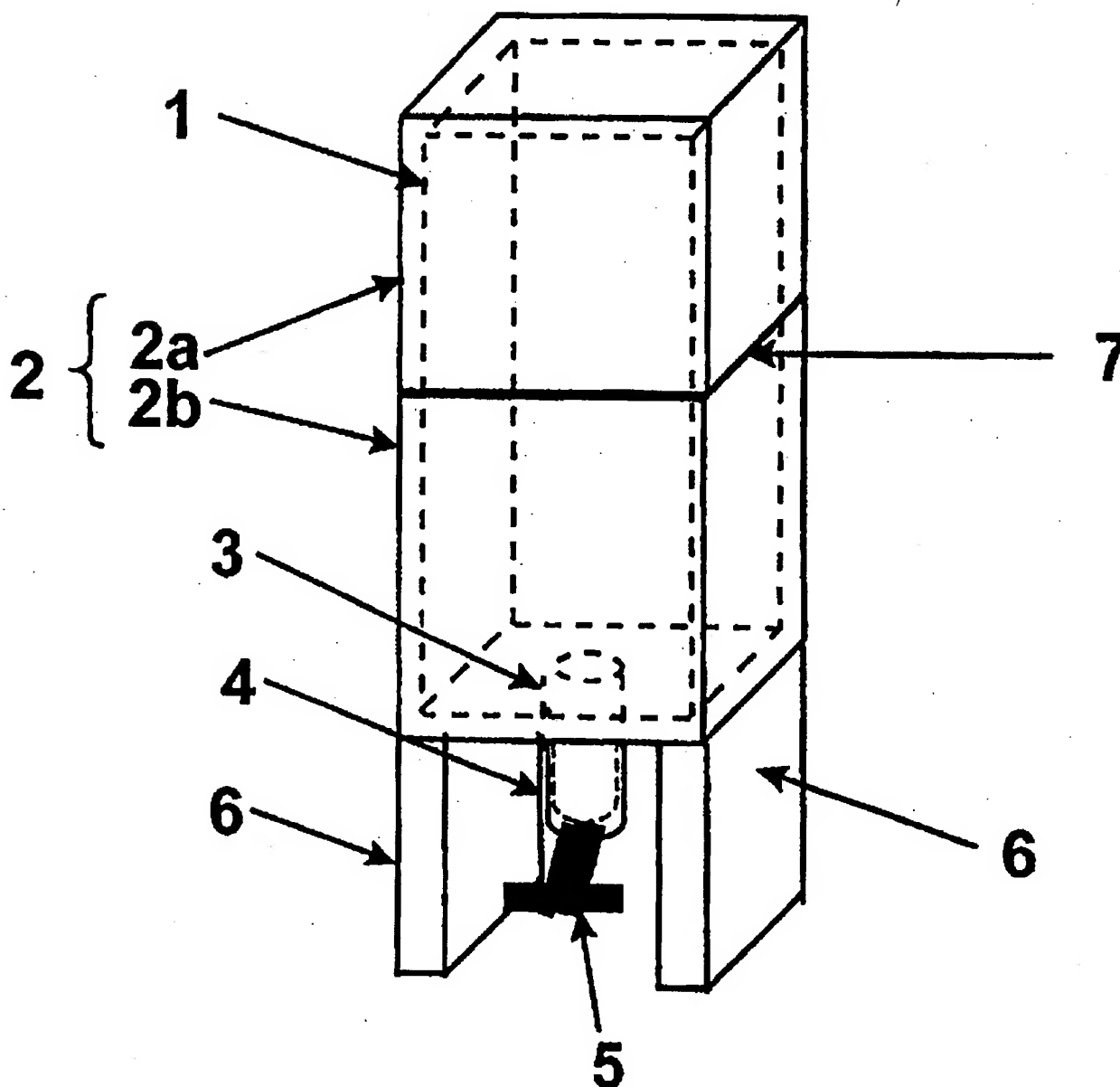
2 second container

4 discharge

5 faucet

7 second container closure

#### **Main Drawing Sheet(s) or Clipped Structure(s)**



**Title Terms /Index Terms/Additional Words:** CONTAINER; SYSTEM; HANDLE; TOXIC; PRODUCT

**Class Codes**

**International Patent Classification**

IPC	Class Level	Scope	Position	Status	Version Date
B65D-077/04			Main		"Version 7"
B65D-083/06; B65D-085/84			Secondary		"Version 7"

File Segment: CPI; EngPI  
DWPI Class: C07; Q34

Manual Codes (CPI/A-N): C04-C03B; C11-C06

15/12/30 (Item 30 from file: 350) [Links](#)

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0008670859

WPI Acc no: 1998-209568/199819

XRPX Acc No: N1998-166533

**Measuring bottle for liquid or paste, usable in supermarkets or hypermarkets - comprises first transparent plastic part forming reservoir with divisible nozzle mounted on reservoir opening and second part forming protection cap having internal plug sealing nozzle**

Patent Assignee: JL DIFFUSION SARL (JLDI-N)

Inventor: LENGAGNE J

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2753687	A1	19980327	FR 199611502	A	19960920	199819	B

Priority Applications (no., kind, date): FR 199611502 A 19960920

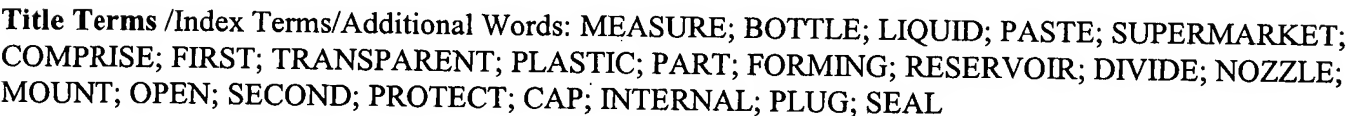
#### Alerting Abstract FR A1

The container comprises a first part of transparent plastic forming a reservoir (1). A divisible nozzle (10) is mounted on the reservoir opening and the part has a first surface (11). A second part forms a protection cap with a suspension hole (21) and a second surface extending from the first surface.

The cap has an internal plug which has a seal preventing air entering the nozzle. The seal comprises a cylindrical tube (18) open at one end and closed at the other which covers the nozzle. A label (20) is stuck on the first and second surfaces ensuring sealing of the **two** parts of the **container** and verifying its **closure**.

ADVANTAGE - The bottle enables measuring out the product avoiding its drying out by air.

#### Main Drawing Sheet(s) or Clipped Structure(s)



## Class Codes

### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-041/16			Main		"Version 7"
B44D-003/12; B65D-025/22; B65D-035/44			Secondary		"Version 7"

File Segment: EngPI; ;  
DWPI Class: P78; Q32; Q33

15/12/32 (Item 32 from file: 350) [Links](#)

Derwent WPIX

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0008007774

WPI Acc no: 1997-100110/199709

XRPX Acc No: N1997-082780

**Self-adhesive label with tear strip for sealing two piece packing containers - has whole punched-out piece with front material at one end having tear flap directly in continuation of perforation**

Patent Assignee: KLIMAX ETIKETTERING AS (KLIM-N)

Inventor: HANSEN K; LERSTROM P

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997001495	A1	19970116	WO 1996DK95	A	19960307	199709	B

Priority Applications (no., kind, date): DK 1995245 U 19950629

National Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Regional Designated States: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL  
OA PT SD SE SZ UG

## Alerting Abstract WO A1

A carrying material comprises a punch-out (3) situated underneath the perforation in the front material and extended in an important part of the longitudinal extension of the perforation. The punch-out in the carrier material extends into the tear-up starting area of the perforation in the front material. The whole punched-out piece (3') of the carrier material, as such, remains on a back side (7) of the label (2'), when the label is transferred from the carrier to the packing article.

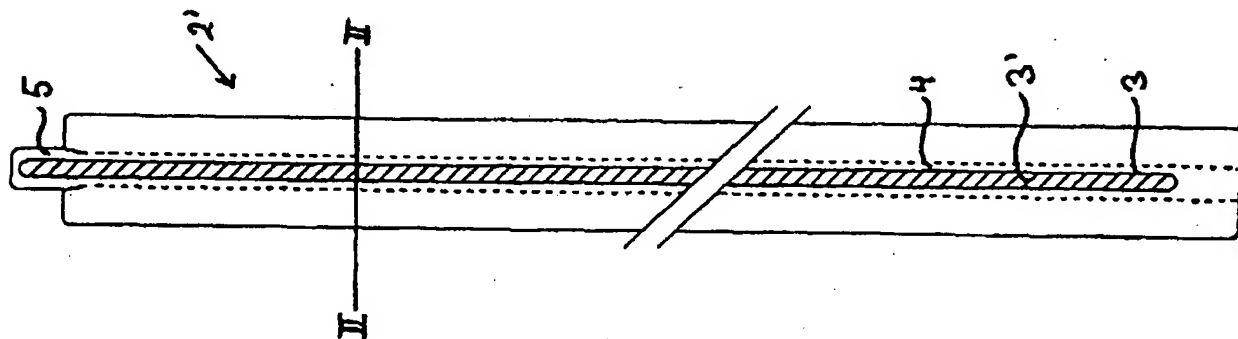
The front material (2) at the one end of has a tear flap (5), directly in continuation of the perforation (4) and that the

punch-out (3) in the carrier material at the same end is also longitudinally extended. The tear flap (5) in the front material is longer than the corresponding longitudinal extension of the punch-out(3) in the carrier material. The tear flap (5) in the front material, at the free end of, is wider than the rest of the front material perforation (4).

ADVANTAGE - The cross-sectional shape of the label carrying area of the actual packing

ADVANTAGE - can be curved as well as angular or edged.

#### Main Drawing Sheet(s) or Clipped Structure(s)



**Title Terms /Index Terms/Additional Words:** SELF; ADHESIVE; LABEL; TEAR; STRIP; SEAL; TWO; PIECE; PACK; CONTAINER; WHOLE; PUNCH; FRONT; MATERIAL; ONE; END; FLAP; CONTINUE; PERFORATION

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-055/06			Main		"Version 7"
B65D-077/32			Secondary		"Version 7"

File Segment: EngPI;;  
DWPI Class: Q33; Q34

15/12/35 (Item 35 from file: 350) [Links](#)

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0007256933

WPI Acc no: 1995-311460/199540

XRAM Acc no: C1995-138684

XRPX Acc No: N1995-235217

**Sealed container for preserving chemicals esp. agrochemicals - having wall of two, single-layer, water-soluble polymer films to give good resistance to mechanical stress**

Patent Assignee: CIBA GEIGY AG (CIBA); NOVARTIS AG (NOVS); SYNGENTA INVESTMENT CORP

(SYGN)

Inventor: SONTAG C

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1995023099	A1	19950831	WO 1995EP515	A	19950213	199540	B

Priority Applications (no., kind, date): CH 1994542 A 19940224

National Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU JP KG KP KR KZ LK LR LT LV MD MG MN MX NO NZ PL RO RU SI SK TJ TT UA US UZ VN

Regional Designated States: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

#### Alerting Abstract WO A1

A sealed container (A) for preserving chemicals has the container wall comprising 2 superimposed single layer homogeneous and water-soluble polymer films.

Also claimed are: (1) Prepn. of an aq. application formulation, avoiding contact with the chemical employed and maintaining specified dosage rates, by adding (A), with stirring, to a mixing tank contg. water; and (2) A package system of cardboard, paper, metal or plastic contg. one or more (A).

USE - The container is useful for preserving chemicals, esp. herbicides, insecticides, fungicides and formulation assistants and in prepn. of aq. application formulations (claimed), in partic. pesticidal formulations for spray application or animal baths for controlling parasites, and also for electrolysis, cleansing, dye and enamelling baths, baths for treating or finishing surfaces, leather or textiles, and hydraulic fluids. It may also contain chemicals for water treatment or photographic baths.

ADVANTAGE - The containers are inexpensive and simple to mfr., provide a stronger barrier to diffusion than laminated film, are extremely resistant to mechanical stress even at low temp. and are markedly stronger than monofilms and laminated films.

**Title Terms /Index Terms/Additional Words:** SEAL; CONTAINER; PRESERVE; CHEMICAL; AGROCHEMICAL; WALL; TWO; SINGLE; LAYER; WATER; SOLUBLE; POLYMER; FILM; RESISTANCE; MECHANICAL; STRESS

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D; B65D-065/46; B65D-077/30; B65D-085/84			Main		"Version 7"
A01N-025/34; A61F-005/44; B09B; B32B-027/00; B32B-027/30			Secondary		"Version 7"

US Classification, Issued: 206524100

File Segment: CPI; EngPI

DWPI Class: A92; C07; P32; P43; P73; Q32; Q34

Manual Codes (CPI/A-N): A12-P01B; C04-C03; C11-C05; C11-C06

15/12/42 (Item 42 from file: 350) [Links](#)

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0005951746

WPI Acc no: 1992-183473/199222

Related WPI Acc No: 1994-100933

XRAM Acc no: C1992-084039

XRPX Acc No: N1992-138473

**Container for hot melt urethane adhesives - comprising two abutting cylinders with covers to permit replacement of empty container in hot platen dispensing equipment without isocyanate emission**

Patent Assignee: FULLER LICENSING & FINANCING H B (FULH); FULLER LICENSING & FINANCING INC H B (FULH)

Inventor: MICEK L L

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1992007663	A1	19920514	WO 1991US7892	A	19911024	199222	B

Priority Applications (no., kind, date): US 1990608988 A 19901102

National Designated States: CA JP

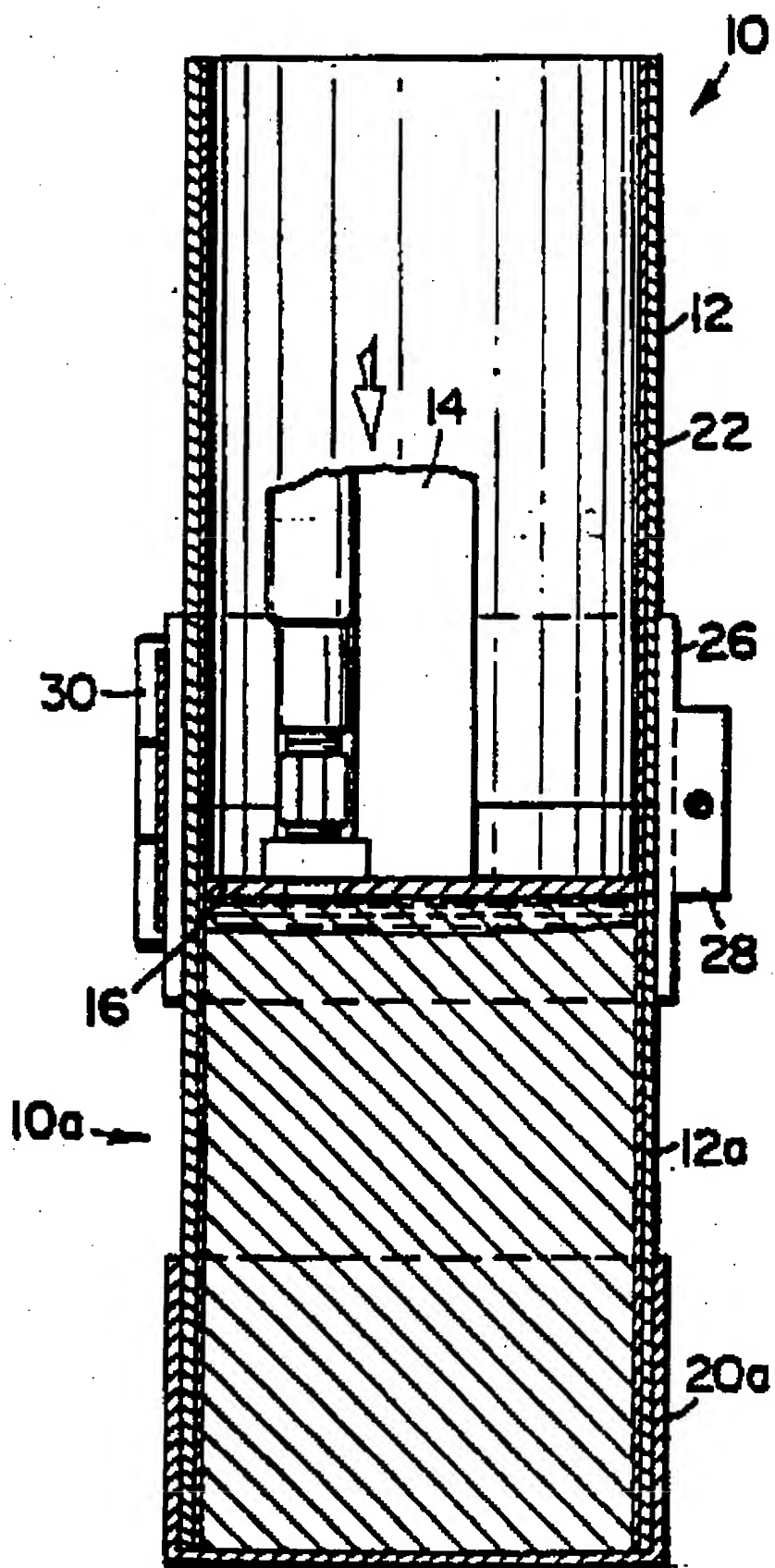
Regional Designated States: AT BE CH DE DK ES FR GB GR IT LU NL SE LI

#### Alerting Abstract WO A1

Container (10) for storing and dispensing hot melt adhesive compositions generating toxic emissions of isocyanate, e.g., urethane adhesives, for use with heated platen dispensers, has a body (12) with a top lid (18) and a base lid (20) sealing the body (12). The body (12) and lids (18,20) are made of a corrugated layer (22) with a liner of metallised mylar (24), the lids remaining in place during transportation and storage. For use, the top lid (18) is removed and the container (10) placed in the heated platen equipment (14). The platen (16) is placed in the container, fitting snugly to the walls of the body (12). This then melts the adhesive and withdraws the adhesive melt (25) from container (10). When the adhesive (25) nears the base of container (10), extrusion ceases, the adhesive cools and the bottom lid (20) is removed. A second container (10a) is then positioned below the first container (10), in which the platen (16) remains. A sealing collar (26) is placed around the join area of the two bodies (12,12a) of the containers (10,10a) and the platen (16) moves from body (12) into body (12a). The first container (10) may then be removed by cutting away.

#### Main Drawing Sheet(s) or Clipped Structure(s)





**Title Terms /Index Terms/Additional Words:** CONTAINER; HOT; MELT; URETHANE; ADHESIVE; COMPRISE; TWO; ABUT; CYLINDER; COVER; PERMIT; REPLACE; EMPTY; PLATEN; DISPENSE; EQUIPMENT; ISOCYANATE; EMIT

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B05C-011/10; B05C-009/14; B67D-005/60			Main		"Version 7"
<b>B65D-083/00</b>			Secondary		"Version 7"

US Classification, Issued: 222001000, 222143000, 222146500, 222386000

File Segment: CPI; EngPI

DWPI Class: A25; A35; G03; P42; Q34

Manual Codes (CPI/A-N): A05-E04E; A11-C04B1; A11-C06; A12-A; A12-P03; A12-P06; G03-B02C; G03-B02E4

15/12/44 (Item 44 from file: 350) [Links](#)

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0004142740

WPI Acc no: 1987-251555/198736

XRAM Acc no: C1987-106449

XRPX Acc No: N1987-188250

**Storage and mixing container - has neck and main chambers sepd. by stopper displaceable into main chamber**

Patent Assignee: BOC INC (BRTO); MICROTECHNIC SAM (MICR-N)

Inventor: HUCK C; MCNEIRNEY J

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 236033	A	19870909	EP 1987301511	A	19870220	198736	B

Priority Applications (no., kind, date): US 1986832204 A 19860224

Regional Designated States: BE DE FR GB IT NL

**Alerting Abstract EP A**

A container has two chambers to hold diff. ingredients and separated by a barrier sealing against the container wall

and which can be displaced into one chamber to allow mixing. The container is pref. a bottle with a single top opening and which holds liq. in its lower part and powder in an upper chamber in the neck, with a rubber stopper segg. the chambers.

A cylindrical basket with sidewall openings rests on the stopper top and a cylindrical rubber dispenser plunger is located above the basket and is covered by a locking cap. A septum cap with vent holes is placed over the locking cap and above this is a sealing disc and top cap, with a shrink wrap member adhering to the top cap and next exterior.

USE/ADVANTAGE - Partic. for drugs, allows sterility to be maintained and is easy and rapid in use.

**Title Terms /Index Terms/Additional Words:** STORAGE; MIX; CONTAINER; NECK; MAIN; CHAMBER ; SEPARATE; STOPPER; DISPLACE

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61J-0001/00	A	I		R	20060101
A61J-0001/05	A	I	F	R	20060101
B65D-0025/08	A	I	L	R	20060101
A61J-0001/00	C	I		R	20060101
A61J-0001/05	C	I	F	R	20060101
B65D-0025/04	C	I	L	R	20060101

US Classification, Issued: 206221000, 215DIG008

File Segment: CPI; EngPI

DWPI Class: B07; P33; Q32; Q34

Manual Codes (CPI/A-N): B11-C06

15/5/51 (Item 5 from file: 347) [Links](#)

JAPIO

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06205990 **\*\*Image available\*\***

#### IRREGULAR-SHAPED CONTAINER WITH PLUG

**Pub. No.:** 11-147547 [JP 11147547 A]

**Published:** June 02, 1999 (19990602)

**Inventor:** ARAKI YOZO

IKEMORI TSUKASA

**Applicant:** MITSUBISHI HEAVY IND LTD

**Application No.:** 09-313243 [JP 97313243]

**Filed:** November 14, 1997 (19971114)

**Priority:** 09247995 [JP 979247995], JP (Japan), September 12, 1997 (19970912)

International Class: B65D-033/38; B65D-030/16

## ABSTRACT

**PROBLEM TO BE SOLVED:** To reduce a manufacturing cost of an irregular-shaped **container** with a **plug** and make the **container** easy to handle and sell.

**SOLUTION:** A laminate **film** with a heat-sealable **film** stuck to one of surfaces is heat-bond-processed into a bag to form a **container** body 12, and a **plug** 13 with a rigid plastic flange is heat-bonded liquid-tightly to an upper part of the container body 12. In this case, a single film of a predetermined width is longitudinally stuck (longitudinal adhesive part 21) like a **cylinder**, both side faces are gusset-folded (gusset 23), and upper and lower rims are stuck liquid-tightly (bottom 24, upper part 25), thereby forming the baglike container body 12.

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15/5/54 (Item 8 from file: 347) [Links](#)

JAPIO

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03524985 \*\*Image available\*\*

## SAFE REMOTE TRANSPORT METHOD OF SPECIMEN AND VESSEL FOR TRANSPORT AND INSTRUMENT

**Pub. No.:** 03-187885 [JP 3187885 A ]

**Published:** August 15, 1991 (19910815)

**Inventor:** KANBAYASHI TOSHIRO

MOTOYAMA TEIJI

KATAGIRI YUJI

**Applicant:** S R L KK [000000] (A Japanese Company or Corporation), JP (Japan)

DAIICHI KIGYO KK [000000] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 01-317334 [JP 89317334]

**Filed:** December 06, 1989 (19891206)

**International Class:** [ 5 ] B65D-085/82

**JAPIO Class:** 31.1 (PACKAGING -- General); 14.2 (ORGANIC CHEMISTRY -- High Polymer Molecular Compounds); 14.4 (ORGANIC CHEMISTRY -- Medicine); 31.2 (PACKAGING -- Containers)

**Journal:** Section: M, Section No. 1178, Vol. 15, No. 443, Pg. 87, November 12, 1991 (19911112)

## ABSTRACT

**PURPOSE:** To obtain a strict safe transport method by housing a specimen in a primary vessel sealed with a heat-shrinkable film, hermetically sealing and housing the primary vessel into a secondary vessel while the secondary vessel is superposed and housed to a primary packaging container, a secondary packaging container and a tertiary packaging container and remote transporting the whole.

**CONSTITUTION:** A specimen 1 is housed into a primary vessel 2, and the primary vessel 2 is capped with a screw cap 3 and hermetically sealed while the primary vessel 2 is packaged by a heat-shrinkable film 6. The lug section 7 of the film 6 is gripped and dipped gradually into boiling water, thus fast sticking the heat-shrinkable film 6 to the whole primary vessel 2, then forming a sealed body 9. The sealed body 9 is housed in a secondary vessel 11

together with cushion materials 10, 10 and a sterilizer, and sealed with a screw cap 12, thus forming a conveyable body 13. The conveyable body 13 is housed in a metallic can 14 and fixed while being clamped and stoppered. The metallic can 14 is received in a primary packaging container 16, and capped with a cover body 17. The primary packaging container 16 is housed into a secondary packaging container 22 composed of a heat-insulating material and capped with a cover body 23, and the secondary packaging container 22 is received into a proper tertiary packaging container 24 and sealed.

15/5/55 (Item 9 from file: 347) Links

JAPIO

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02869473 \*\*Image available\*\*

## HERMETICALLY SEALED CONTAINER AND ITS MANUFACTURING

18/12/1 (Item 1 from file: 350) Links

Derwent WPIX

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0015139006

WPI Acc no: 2005-488563/200549

XRAM Acc no: C2005-148880

XRPX Acc No: N2005-397878

**Dispensing canister-add-on-component assembly for medicament dispensers comprises adhesive-backed film having one section with overlapped end-regions and another section with non-overlapped end-regions, to fix add-on-component on canister**

Patent Assignee: 3M INNOVATIVE PROPERTIES CO (MINN); BOOT D (BOOT-I)

Inventor: BOOT D

Patent Number	Kind	Date	Application Number	Kind	Date
WO 2005060441	A2	20050707	WO 2004US36450	A	20041102

*Current application*

Priority Applications (no., kind, date): GB 200328502 A 20031210

National Designated States: AE AG AL AM AT AU AZ BA BB BG BR BW BY

CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU

SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU

IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW LI

### Alerting Abstract WO A2

NOVELTY - A dispensing canister-add-on-component assembly (100) comprises a dispensing canister (10) with a container (1); an add-on-component (60) (e.g. dose counter) placed near a closed end (2) of the container to form a canister-component sub-assembly having an interface (70) between the canister and the component; and an adhesive-backed film (40) mounted circumferentially about the sub-assembly and adhered to external surfaces of the

container and add-on component.

**DESCRIPTION** - The adhesive-backed film extends across the canister-component interface, such that its upper edge (41) is located about the add-on component, and its lower edge (42) is located about the **container** near an upper edge (8) of a **ferrule** (6) located at an open end of the **canister container**. The **adhesive-backed film** comprises at least two sections, with the first section (43) beginning at the upper edge of film and extending across the canister-component interface towards the lower edge of the film, and a second section (46) beginning at the lower edge of film, extending towards the upper edge of the film and ending at or prior to the first section. The first end region (44) of the first section overlaps the second end region (45) of the first section, and the end regions of the second section do not overlap. The **adhesive-backed film** is made of polymer or paper. The **container** and **add-on component** are cylindrical in shape. **INDEPENDENT CLAIMS** are also included for:

1. the **adhesive-backed film** for fixing the **add-on-component** on the closed end of the container of dispensing **canister**; and
2. fixing the **add-on component** on the dispensing canister.

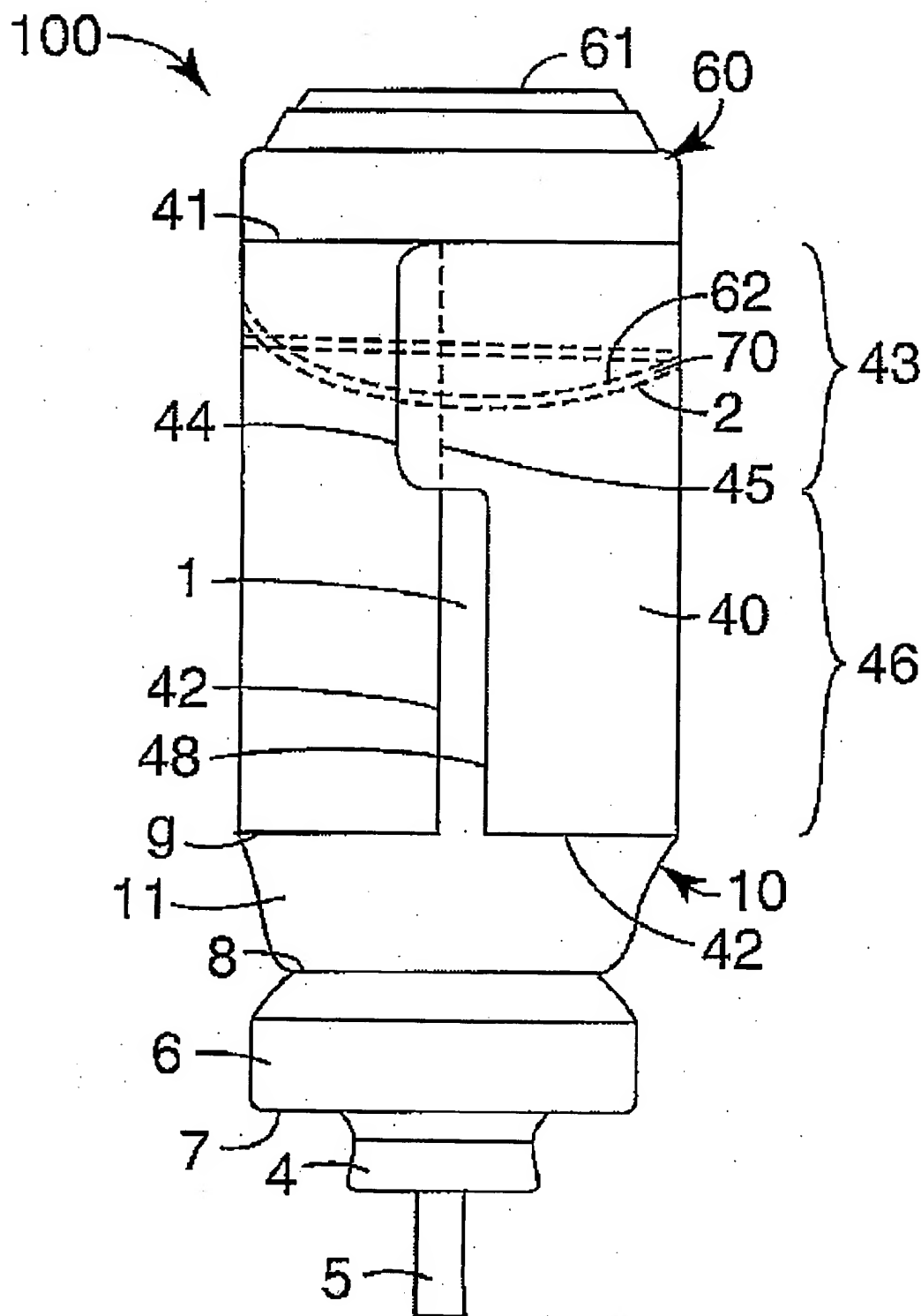
**USE** - In a dispenser comprising an actuator, for dispensing doses of medicament (claimed), and particularly in metered dose dispensers (e.g. metered dose inhalers) useful for treating asthma.

**ADVANTAGE** - The **adhesive-backed film** securely fixes the **add-on component** over the closed end of the canister container in a stable manner, providing a robust dispensing **canister-add-on-component** assembly without the need of applying adhesive between the closed end and the **add-on component**, or using other **attachment** devices. The second section of **adhesive-backed film** facilitates the overall robustness and tamper-resistibility of the assembly. As the second section has no overlapping end regions, the dispensing **canister-add-on-component** assembly can be used with the actuator adapted to receive the dispensing canister, without interference with internal structures such as ribs of the actuator. The outwardly facing surface of the **adhesive-backed film** can be printed with indicia, to exhibit product information. Pressure-sensitive **adhesive-backed film** eases the manufacturing of the dispensing **canister-add-on-component** assembly.

**DESCRIPTION OF DRAWINGS** - The figure shows a dispensing **canister-add-on-component** assembly.

- 1 container
- 2 closed end of container
- 4 dispensing valve
- 6 ferrule
- 8 upper edge of ferrule
- 10 dispensing canister
- 40 **adhesive-backed film**
- 41 upper edge of **adhesive-backed film**
- 42 lower edge of **adhesive-backed film**
- 43 first section of **adhesive-backed film**
- 44, 45 end regions of first section
- 46 second section of **adhesive-backed film**
- 60 **add-on-component**
- 70 canister-component interface
- 100 dispensing **canister-add-on-component** assembly.

**Main Drawing Sheet(s) or Clipped Structure(s)**



**Title Terms /Index Terms/Additional Words:** DISPENSE; CANISTER; ADD; COMPONENT; ASSEMBLE ;  
 MEDICAMENT; COMPRISE; ADHESIVE; BACK; FILM; ONE; SECTION; OVERLAP; END; REGION; NON;  
 FIX

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61M-0015/00	A	I	F	B	20060101
A61M-0015/00	A	I		R	20060101
A61M-0011/00	A	I	F	B	20060101
A61M-0015/00	C	I	F	B	20060101
A61M-0015/00	C	I		R	20060101
A61M-0011/00	C	I		B	20060101

US Classification, Issued: 128200230, 128200140

File Segment: CPI; EngPI

DWPI Class: B07; P34; Q71

Manual Codes (CPI/A-N): B11-C03; B11-C06

18/12/7 (Item 7 from file: 350) [Links](#)

Derwent WPIX

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0010450439

WPI Acc no: 2001-049684/200106

XRAM Acc no: C2001-013573

XRPX Acc No: N2001-038123

**Assembly kit for putting two components into spontaneous contact, for use in cosmetic treatment of skin, comprises at least one absorbent structure and at least one separately packed liquid component designed to impregnate former**

Patent Assignee: L'OREAL SA (OREA)

Inventor: GUERET H; GUERET J; GUERET J H; GUERET J L; GUERET J L H

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000066455	A1	20001109	WO 2000FR1200	A	20000504	200106	B

Priority Applications (no., kind, date): FR 19995648 A 19990504

National Designated States: CA JP US

Regional Designated States: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE LI

**Alerting Abstract WO A1**

**NOVELTY** - An assembly kit for putting two components into spontaneous contact, for use in the cosmetic treatment of skin, comprises at least one absorbent structure and at least one separately packed liquid component designed to impregnate the former.

**DESCRIPTION** - The assembly kit consists of a packaging for at least one absorbent structure A in the form of a



linen cloth, patch or mask) which is to be impregnated with liquid composition containing at least one component B (packaged separately from A) and then applied onto a support (especially onto skin or hair). The assembly comprises a container with elastic walls containing an absorbent structure A and at least one sachet containing a liquid component B and an opening in response to pressure exerted onto it through the elastic walls of the container, so as to impregnate an absorbent structure A with liquid composition containing B. Sachet containing B and absorbent structure A are free-moving inside the container which can be opened for extracting impregnated A to apply it onto a support (e.g. skin). The container as well as the sachet have sealed edges, and the resistance to pressure of the container edges is superior to that of the sachet edges. A sachet is formed of at least one sheet (preferably of thermoplastic film) with the edges soldered or glued, and at least one edge opening in response to exerted pressure. The **container** may contain **additional rigid element** facilitating opening of the sachet in response to pressure. In the order to be opened, the container can either include detachable part, or has re-sealable **auto-adhesive label**. Container is at least in part transparent, and is made of at least one sheet of at least one thermoplastic layer. A is selected from woven or nonwoven material, expanded (foamed) material with opened or semi-opened cells, or felt, and has preferably cut-out form to fit the configuration of treated support. The sachet is preferably folded in such way as to form at least two flaps, with the structure A placed between them, and it can be made of two distinct compartments which open in response to applied pressure. A can also be pre-impregnated with at least one cosmetic or dermo-pharmaceutical agent, selected from thickeners, gelling agents, physiologically compatible solvents, water, mono- and polyalcohols, oils, pH regulators, emulsifiers, biological origin dry extracts, collagen and its derivatives, optionally lyophilized, agents stimulating blood micro-circulation in skin or angiogenesis, wrinkle-smoothing agents or vegetable proteins. Component B contained within a sachet is preferably a liquid containing cosmetically or dermo-pharmaceutically active agent selected from vitamins, thinning agents, enzymes, hydrating agents or anti-ageing agents. The assembly may contain at least two sachets, freely disposed inside it, each of them containing component B incorporated in liquid composition. An **INDEPENDENT CLAIM** is also included for the use of assembly kit as claimed for treatment, especially cosmetic treatment of skin etc.

**USE** - The product obtained by the contact of at least two components present in the assembly kit can be used for the cosmetic treatment of skin, such as anti-ageing, anti-cellulitis, anti-adiposis etc. treatment, and also treatment of scalp, mucous membranes and nails.

**ADVANTAGE** - Components of various nature, consistency, compatibility, structure and solubility can be easily brought into contact, if necessary, directly before use (in case of components rapidly degradable in form of solution), and the concentration of active component(s) can be modified during the course of treatment owing to more than one sachets with liquid component and/or more than one absorbent components used..

**DESCRIPTION OF DRAWINGS** - The drawing represents the axial view of the assembly.

A absorbent component

B liquid component

1 assembly

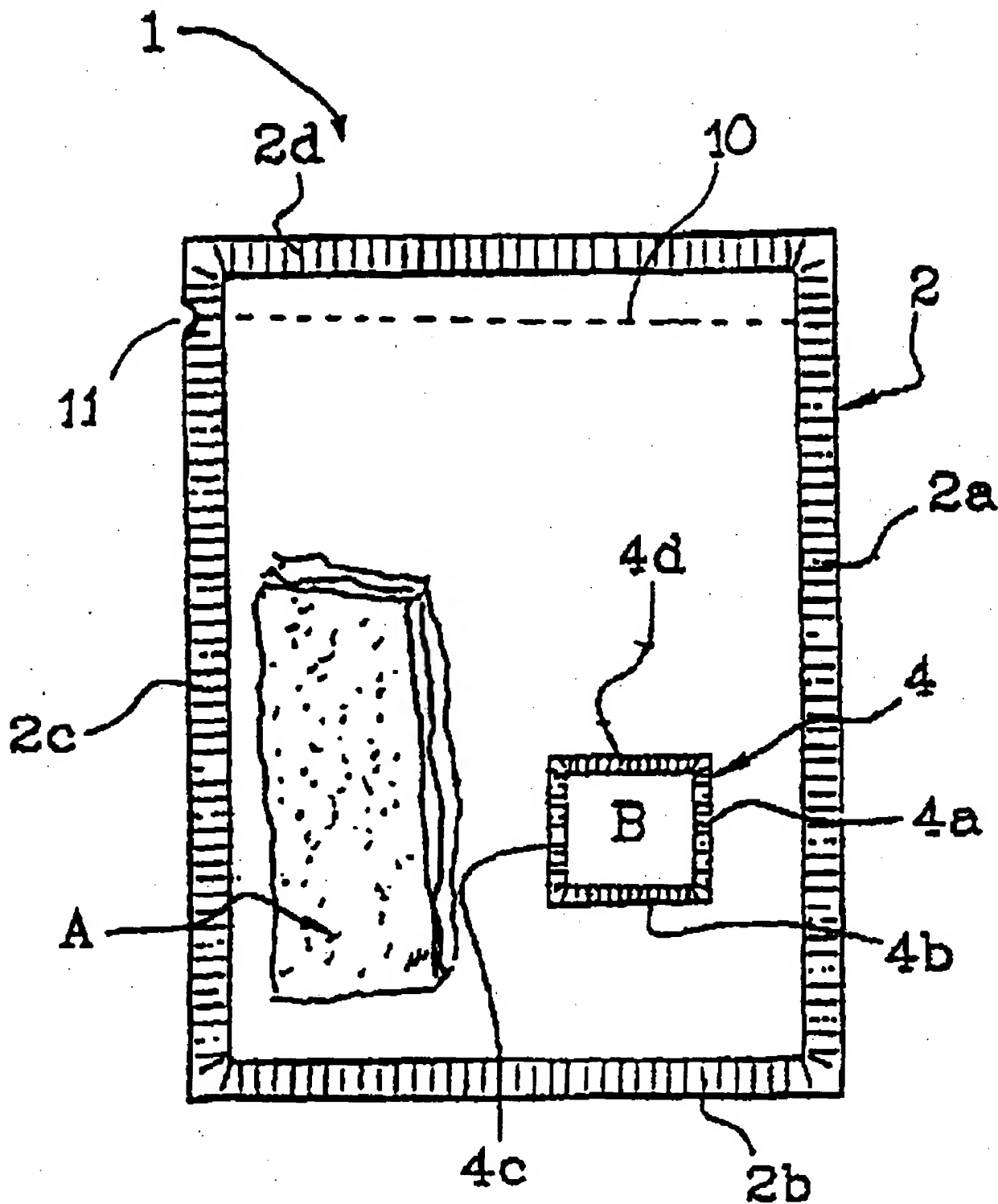
2 container with elastic walls

4 sachet with elastic walls containing liquid component B

10 detachable part line

11 notch facilitating opening along line (10)

**Main Drawing Sheet(s) or Clipped Structure(s)**



**Title Terms /Index Terms/Additional Words:** ASSEMBLE; KIT; PUTTING; TWO; COMPONENT; SPONTANEOUS; CONTACT; COSMETIC; TREAT; SKIN; COMPRISE; ONE; ABSORB; STRUCTURE; SEPARATE; PACK; LIQUID; DESIGN; IMPREGNATE; FORMER

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-069/00; B65D-077/24; B65D-081/32			Main		"Version 7"
A45D-034/04; A45D-044/22; B65D-030/22; B65D-077/22			Secondary		"Version 7"

US Classification, Issued: 206581000, 206219000

File Segment: CPI; EngPI

DWPI Class: A92; D21; P24; Q32; Q34

Manual Codes (CPI/A-N): A12-P06C; A12-V04C; D08-B09A

18/12/15 (Item 15 from file: 350) [Links](#)

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0005550726

WPI Acc no: 1991-155742/199121

XRPX Acc No: N1991-119594

**Z-shaped dual compartment resealable dispensing container - has labels removable and resealable to gaskets on upper and lower wall portions for opening and closing of compartments**

Patent Assignee: FERRERA J (FERR-I)

Inventor: FERRERA J

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5012931	A	19910507	US 1989396526	A	19890822	199121	B
			US 1990571333	A	19900822		

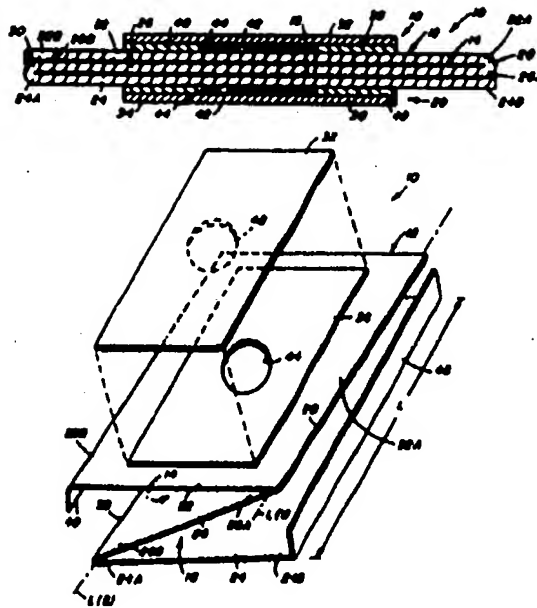
Priority Applications (no., kind, date): US 1990571333 A 19900822

**Alerting Abstract US A**

The flexible dispensing container comprises a single sheet of flexible packaging material folded upon itself in a Z-configuration about a pair of parallel spaced fold lines extending parallel to a longitudinal dimension of the sheet and sealed to itself at its unfolded peripheral edges. This forms upper, lower and middle wall portions of the container. The upper and lower dual compartments are on opposite sides of the middle wall portion. Labels are removable from and resealable to gaskets on the exteriors of the upper and lower wall portions for permitting opening and closing of the dual compartments of the dispensing container.

Each label has a resealable adhesively-coated gaskets deposited on it surrounding central apertures formed through the upper and lower wall portions to permit access to the dual upper and lower compartments. The labels can be reapplied to the gaskets and the closure panels placed in registry with the apertures to resealably close the dual compartments.

# Main Drawing Sheet(s) or Clipped Structure(s)



**Title Terms /Index Terms/Additional Words:** Z-SHAPED; DUAL; COMPARTMENT; RESEAL; DISPENSE; CONTAINER; LABEL; REMOVE; GASKET; UPPER; LOWER; WALL; PORTION; OPEN; CLOSE

## Class Codes

### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-0075/58	A	I		R	20060101
B65D-0083/08	A	I		R	20060101
B65D-0075/52	C	I		R	20060101
B65D-0083/08	C	I		R	20060101

US Classification, Issued: 229123100, 383086000

File Segment: EngPI; ;  
DWPI Class: Q34

18/12/16 (Item 16 from file: 350) [Links](#)

Derwent WPIX

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0004326326

WPI Acc no: 1988-056286/198808

XRAM Acc no: C1988-025062

XRPX Acc No: N1988-042693

**Synthetic polymeric resin vacuum container - has plastics tube closed at one end with visual vacuum indicator on side**

Patent Assignee: GENERAL ELECTRIC CO (GENE)

Inventor: CONRAD G R

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 4722451	A	19880202	US 1986899158	A	19860822	198808	B

Priority Applications (no., kind, date): US 1986899158 A 19860822

Regional Designated States: DE FR GB IT NL

#### Alerting Abstract US A

A container to hold material under vacuum and having vacuum indicating means comprises a plastics tube with one end closed and a removable closure for sealingly closing the open end. The container body has two zones deformable under different pressure differentials between interior and exterior so that the lower differential deformable zone is deformed when an internal vacuum is present.

A frangible label is adhered to and covers the lower differential deformable zone after it is deformed and with internal vacuum present so that when the vacuum is relieved the zone reverts to non-deformed condition and the label tears. The tube is pref. made from multiple layers of plastics, e.g., polycarbonate, polypropylene, ethylene-vinyl alcohol, polyethylene terephthalate, or PVC.

USE/ADVANTAGE - Provides visual indication of vacuum.

**Title Terms /Index Terms/Additional Words:** SYNTHETIC; POLYMERISE; RESIN; VACUUM; CONTAINER; PLASTICS; TUBE; CLOSE; ONE; END; VISUAL; INDICATE; SIDE; PET; VINYL; TEREPHTHALATE; POLYETHYLENE; ALCOHOL; EVA

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D-001/10			Main		"Version 7"
B65D-023/00; B65D-079/02; B65D-081/20; F17C-013/02			Secondary		"Version 7"

US Classification, Issued: 215365000, 116266000, 206524800, 215271000, 220DIG016

File Segment: CPI; EngPI

DWPI Class: A92; Q32; Q34; Q69

Manual Codes (CPI/A-N): A12-P06A

18/12/20 (Item 20 from file: 350) [Links](#)

Derwent WPIX

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0000913038

WPI Acc no: 1975-B6508W/197506

**Aluminium container sealing method - two surfaces brought together under heat with adhesive on one side**

Patent Assignee: ALUMINIUM & GEN PRODS (ALUM-N)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
ZA 197307121	A	19741023	ZA 19737121	A	19730908	197506	B

#### Alerting Abstract ZA A

A method of sealing two parts of an aluminium foil container consists in bringing together under heat and pressure a surface of each part between which is a previously applied **film of adhesive** with the improvement that the adhesive is applied to only one of the surfaces.

**Title Terms /Index Terms/Additional Words:** ALUMINIUM; CONTAINER; SEAL; METHOD; TWO; SURFACE; HEAT; ADHESIVE; ONE; SIDE

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B65D			Secondary		"Version 7

File Segment: EngPI; ;

DWPI Class: Q32

18/5/23 (Item 3 from file: 347) [Links](#)

JAPIO

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06783170 **\*\*Image available\*\***

#### **SYNTHETIC RESIN TUBE CONTAINER**

**Pub. No.:** 2001-010646 [JP 2001010646 A ]

**Published:** January 16, 2001 (20010116)

**Inventor:** TSUNODA YOSHIYUKI

**Applicant:** YOSHINO KOGYOSHO CO LTD

**Application No.:** 11-185529 [JP 99185529]

**Filed:** June 30, 1999 (19990630)

**International Class: B65D-035/44; B65D-035/10; B65D-035/12**

## **ABSTRACT**

**PROBLEM TO BE SOLVED:** To save material, prevent water from entering a container and also prohibit opening of the container without permission.

**SOLUTION:** There are provided a container main body 20 in which lower ends of barrel 21 having opened upper end surfaces with its substantial uniform longitudinal axis over an entire length of a vertical direction are overlapped each other, adhered and closed; an inner lid 22 in which an inner cylinder 25 is erected from the inner circumference of an inward flange 24 arranged at the lower end of an outer cylinder 23 fitted to the inner surface of the upper segment of the barrel 21, a fitting groove is formed between these **both** inner and outer **cylinders** and then a pouring cylinder 28 is erected from a top plate 27 closing an upper end surface of the inner cylinder; an outer lid 29 in which a fitting **cylinder** 30 is fitted into the fitting groove, a **plug** closing protrusion 33 is extended down from a top wall 32 closing the upper end surface of a hanging cylinder 31 mounted on the upper surface of the fitting cylinder and the hanging cylinder is connected to the fitting cylinder 30 through a thin-walled hinge, an opening prohibiting plate 35 is suspended from the outer surface of the hanging cylinder 31 of the outer lid 29 to cause the **plate** to be **adhered** to the outer surface of the barrel 21 in such a way that it can be forcedly peeled off.

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18/5/24 (Item 4 from file: 347) [Links](#)

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06448399 **\*\*Image available\*\***

## **CONTAINER FOR PACKAGING**

**Pub. No.:** 2000-033970 [JP 2000033970 A ]

**Published:** February 02, 2000 (20000202)

**Inventor:** SUMIMOTO MITSUHIRO

**Applicant:** DAINIPPON PRINTING CO LTD

**Application No.:** 10-203250 [JP 98203250]

**Filed:** July 17, 1998 (19980717)

**International Class: B65D-075/36; A61J-001/00**

## **ABSTRACT**

**PROBLEM TO BE SOLVED:** To obtain a container for packaging a suppository, etc., being easily opened in taking environmental aspects into consideration.

**SOLUTION:** The packaging container consists of a **container** main body 10 with **two** recessed parts arranged in parallel and provided with a bending means between these recessed parts and a film-like lid body 20 for **sealing** the openings of the recessed parts of the **container** main body 10 and the **adhering** face of the **film**-like lid body 20 with the container main body 10 is constituted of an easily releasable resin and one end part thereof is made not to adhere and in addition, the container main body 10 is constituted of a dechlorinated base material.

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24/12/4 (Item 4 from file: 350) [Links](#)

Derwent WPIX

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0014111302

WPI Acc no: 2004-295621/200427

XRPX Acc No: N2004-234779

**Squeeze-type dispensing container has sealant for sealing gap between stepped reinforcement portion, and base cup, which is provided in proximity to reinforcement portion**

Patent Assignee: YOSHINO KOGYOSHO CO LTD (YOSK); YOSHINO KOGYOSHO KK (YOSK)

Inventor: IIZUKA S; IIZUKA S Y K C L; TSUBAKI T; TSUBAKI T Y K C L

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004028925	A1	20040408	WO 2003JP12438	A	20030930	200427	B

Priority Applications (no., kind, date): JP 2002287155 A 20020930

National Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE

IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW AL LI LT LV MK

#### Alerting Abstract WO A1

NOVELTY - A sealant arranged for sealing a clearance between a stepped reinforcement portion provided at bottom (8) of the container (1), and a base cup (20), is provided in proximity to the reinforcement portion.

USE - squeeze-type dispensing container.

ADVANTAGE - Ensures stable and firm assembly of the container to the base cup. Maintains the shape of the wall structure, at the portion of the container which is assembled with the base cup, by provision of multiple recesses and projections in the dispensing container.

DESCRIPTION OF DRAWINGS - The figure shows a partial longitudinal sectional view of the squeeze-type container.

1 container

8 bottom

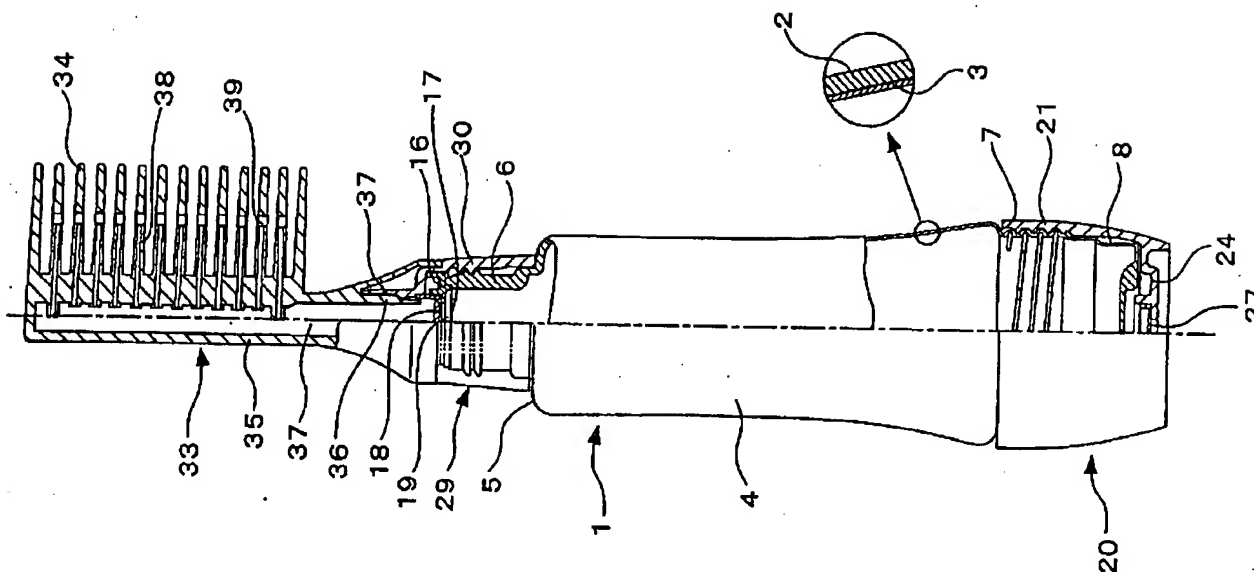
20 base cup

25 vent hole

27 check valve

#### Main Drawing Sheet(s) or Clipped Structure(s)





**Title Terms /Index Terms/Additional Words:** SQUEEZE; TYPE; DISPENSE; CONTAINER; SEAL; GAP; STEP; REINFORCED; PORTION; BASE; CUP; PROXIMITY

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
<b>B65D-083/00</b>			Main		"Version 7"
A46B-011/00; B05B-011/04; <b>B65D-035/50; B65D-047/42</b>			Secondary		"Version 7"
A45D-0024/26	A	I		R	20060101
A46B-0011/00	A	I		R	20060101
A45D-0024/22	A	I	F	B	20060101
<b>B65D-0037/00</b>	A	I	L	B	20060101
A45D-0024/00	C	I		R	20060101
A46B-0011/00	C	I		R	20060101
A45D-0024/00	C	I	F	B	20060101

US Classification, Issued: 222192000, 222209000, 132113000

File Segment: EngPI; ;

DWPI Class: P42; Q32; Q33; Q34; P24

Set	Items	Description
S1	1162929	S CONTAINER? ? OR CANISTER? ? OR CANNISTER? ? OR BOTTLE? ? OR DISPENSER? ? OR RECEPTACLE? ? OR CYLINDER? ? OR JAR OR JARS OR DRUM OR DRUMS OR VESSEL? ? OR CANS
S2	477643	S FERRULE? ? OR COLLET? ? OR SEAL??? OR STOPPER? OR PLUG? ? OR PLUGG??? OR CLOSURE? ?
S3	36627	S (ADD()ON OR ADDITIONAL OR AFFIX? OR ATTACH? OR ADJACENT?) (3N) (COMPONENT? ? OR ELEMENT? ? OR MEMBER? ? OR S1) OR (DOSE? ? OR DOSING?) (2N)COUNTER? ?
S4	51035	S (ADHER? OR ADHESIV? OR ADHESION? OR GUMMED OR GUMMY OR STICK??? OR STUCK OR GLUE? ? OR GLUING OR TACKY OR TACKI????) (5N) (LABEL? ? OR STICKER? ? OR DECAL? ? OR DECALCOMANIA? OR STAMP? ? OR WRAP? ? OR WRAPPER? ? OR FILM OR FILMS OR PASTER? ? OR PLATE? ? OR NAMEPLATE?)
S5	54187	S S1(3N)(TWO OR DOUBLE OR TWIN OR PAIR OR SECOND OR SECONDARY OR DUAL OR DUO OR COUPLE OR BOTH)
S6	30565	S S1(5N)S2
S7	10	S (S3 OR S5)(S)S4(S)S6
S8	9	RD (unique items)
S9	13	S (S3 OR S5) AND S4 AND S6
S10	3	S S9 NOT S7
S11	36916	S S1(10N)S2
S12	16	S (S3 OR S5) AND S4 AND S11
S13	3	S S12 NOT (S7 OR S9)
S14	192353	S LABEL? ? OR STICKER? ? OR DECAL? ? OR DECALCOMANIA? OR STAMP? ? OR WRAP? ? OR WRAPPER? ? OR PASTER? ? NAME()PLATE? ? OR NAMEPLATE?
S15	78	S (S3 OR S5)(S)S11(S)S14
S16	11	S S15/2004:2005
S17	2	S S15/2006:2007
S18	57	S S15 NOT (S7 OR S9 OR S13 OR S16:S17)
S19	55	RD (unique items)
S20	61	S (S3 OR S5) AND S6 AND S14
S21	10	S S20/2004:2005
S22	1	S S20/2006:2007
S23	7	S S20 NOT (S7 OR S9 OR S13 OR S18 OR S21:S22)
S24	7	RD (unique items)
S25	100	S (S3 OR S5)(25N)S4
S26	6	S S25/2004:2005
S27	4	S S25/2006:2007
S28	82	S S25 NOT (S7 OR S9 OR S13 OR S18 OR S23 OR S26:S27)
S29	76	RD (unique items)

; show files

[File 5] **Biosis Previews(R)** 1926-2007/May W4

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[File 8] **Ei Compendex(R)** 1884-2007/May W3

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[File 6] **NTIS** 1964-2007/Jun W1

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[File 248] **PIRA** 1975-2007/May W1

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[File 323] **RAPRA Rubber & Plastics** 1972-2007/May

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[File 51] **Food Sci.&Tech.Abs** 1969-2007/May W4

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/May 22  
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8/3,K/4 (Item 3 from file: 16) Links

Gale Group PROMT(R)

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08633818 Supplier Number: 74572927 (USE FORMAT 7 FOR FULLTEXT)

**Seeing double with liqueur miniatures.**

Packaging Magazine , p 3

May 3 , 2001

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 112

Marketing and sales manager of Netherlands-based packager PETPower, Koos Gommers, said the difficulty of the job was in the right part of the **duo bottle**, which has "a super eccentric mouth and, above that, a very narrow mouth". The **two PET mini bottles** are **glued** together with two **labels** and one **closure** to create a perfect miniature of the glass duo pack.

PET Power T +31 76 503 8283 F +31 76 503 64 55

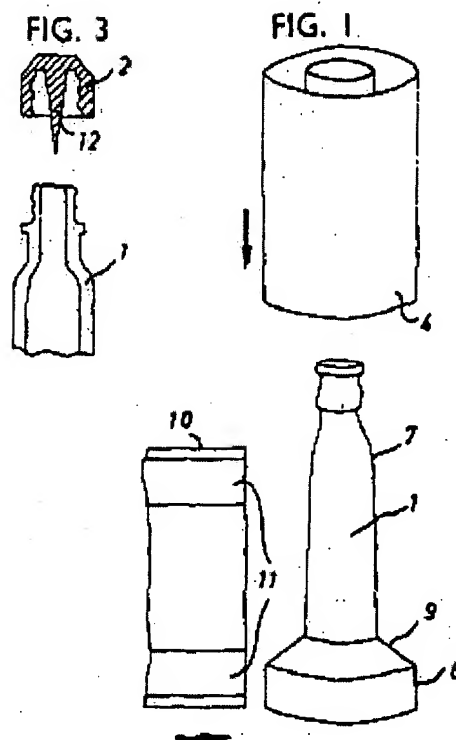
Copyright: United...

**DOUBLE FLASK FOR THE RECEPTION OF TWO LIQUIDS****Publication number:** GB1360729**Publication date:** 1974-07-24**Inventor:****Applicant:** DIWO M**Classification:****- International:** **B65D51/22; B65D81/32; B65D51/18; B65D81/32;**  
(IPC1-7): B65D81/32; B65D51/24**- European:** B65D51/22A1B; B65D51/22A1; B65D81/32B**Application number:** GB19720035075 19720727**Priority number(s):** GB19720035075 19720727

Report a data error here

**Abstract of GB1360729**

1360729 Containers; stoppers &c M DIWO 27 July 1972 35075/72 Headings B8D and B8T  
An inner container 1 for holding a first liquid has a slender neck 7 and an enlarged base 8 which supports an outer annular container 4 for holding a second liquid and surrounding the neck 7 and sealed by a foil cap (5, Fig. 2). The two containers are held together by a label 10 having adhesive strips and wrapped around the outer container 4 and the base 8 of the inner container. The inner container is closed by a screw cap 2 having a projection 12 for piercing the foil cap (5). In Fig. 4, not shown, a projection (13) projects outwardly of the screw cap.



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# PATENT SPECIFICATION

(11) 1 360 729

1 360 729

(21) Application No. 35075/72 (22) Filed 27 July 1972

(44) Complete Specification published 24 July 1974

(51) International Classification B65D 81/32 // 51/24

(52) Index at acceptance

B8D 13 18 1A2A 1E 1FX

B8T 7F1 9X

(72) Inventor MANFRED DIWO



## (54) DOUBLE FLASK FOR THE RECEPTION OF TWO LIQUIDS

(71) I, MANFRED DIWO, a German National, of 129 Lorisstrasse, Saarlouis 663, Germany, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to a double flask for the reception of two different liquids, such as whisky and mineral or soda water, or another spirit that is to be mixed with water, the individual containers of which are combined into one integrated whole.

By way of example, in accordance with international drinking habits, whisky is consumed with a specific quantity of mineral water. According to popular taste, the mixture ratio is 1 part whisky to 2 parts water. If a consumer wishes to drink whisky with mineral water, he is often compelled to buy a much larger quantity of mineral water than is necessary. This disadvantage often inhibits sales.

Double flasks are known which can indeed receive two different liquids, but these still cannot be produced economically since their design requires the use of special filling and capping apparatus which is not readily available.

An object of the invention is to provide a double flask for the reception of two different liquids which are to be mixed together, and more especially to provide such a double flask for use as a non-returnable package having a unitary presentation form for spirits and mineral or soda water in customary mixing proportions.

The problem of being able to economically produce a double flask as a non-returnable package and of being able to separately fill the individual containers on customary filling and capping machines is solved, in accordance with the invention, in that the double flask comprises an inner

bottle having an upper slender body portion and a lower body portion of enlarged diameter which forms a shoulder supporting an annular container placed over the slender body portion of the inner bottle and sealed by a foil cap.

Advantageously, the annular container is connected to the inner bottle by means of an encircling label, which embraces both the annular container and the lower body portion of the inner bottle, which label may be applied by adhesive strips adhered respectively to the two flask parts.

Advantageously, the inner bottle for the reception of a spirit is provided with a screw cap. In order to facilitate the correct opening sequence of the two containers forming the double flask, the screw cap of the inner bottle is provided with an inwardly or outwardly directed point with which the foil cap of the annular container can be pierced after removal of the screw cap. This arrangement precludes the need for a consumer to provide a special opener.

The double flask in accordance with the invention offers the following advantages:

- a) The combined non-returnable package may contain whisky and mineral water in the customary proportions for consumption.
- b) Automatic filling and sealing as well as production of the package offer no difficulties, since conventional apparatus can be used.
- c) The specially shaped screw cap serves to provide an opener for the annular container and, consequently, is convenient and efficient for the consumer.

The invention serves for the implementation of a new selling idea for liquids to be mixed together and particularly for drinks such as whisky and soda, in that the combination package in accordance with the invention has exceptional consumer-appeal. The sales effect is further increased by visible "displaying" in multiple packs having

advertising appeal, e.g. packs of three.

The invention will now be described further, by way of example, with reference to the accompanying drawings, in which:—

5 Fig. 1 shows a perspective view of the individual parts of the double flask before assembly;

Fig. 2 shows an assembled double flask ready for sale;

10 Fig. 2a shows a longitudinal section through an annular container forming a part of the double flask;

Figs. 3 and 4 each show a screw cap according to different embodiments; and

15 Fig. 5 shows a longitudinal section through the outer wall of the annular container and of the wall of the lower enlarged body portion of the inner bottle with an encircling label applied thereto.

20 The double flask or non-returnable package consists of an inner bottle 1 having a screw cap 2 or 3 and an annular container 4, which is placed on the inner bottle 1, having a foil-like annular cap 5. These  
25 two parts 1 and 4 are held together by an encircling label 10, so that the assembled or combined package appears to be in one piece.

The inner bottle 1 has, below its neck, a  
30 slender body portion 7 only slightly larger in cross section. This body portion 7 of round or angular section widens into a lower body portion 8 of considerably greater diameter, whereby a shoulder 9 is  
35 formed which serves as a support for the annular container 4 when placed over the body portion 7 of the inner bottle 1. The annular container 4 and the lower body portion 8 of the inner bottle are of equal  
40 external diameter. Relative twisting or displacement between the inner bottle 1 and the annular container 4 can be prevented by the provision of a non-circular shaping  
45 both of the upper slender body portion 7 and of the inner wall 6 of the annular container 4.

The annular container 4 is sealed, after being filled, by a welded-on foil cap and is then mounted on the inner bottle 1. An  
50 encircling label 10 is then securely adhered, by means of adhesive strips 11, both to the annular container 4 and to the enlarged body portion of the inner bottle, and thus the annular container 4 is combined with  
55 the inner bottle 1 to form a single unit.

The screw cap 2 or 3 of the inner bottle 1 can carry, on the inner or outer side, a conical point 12 or 13, with which the consumer can pierce the foil 5, so that the  
60 annular container 4 can only be opened after the screw cap has been unscrewed. The correct opening sequence according to

customary usage, namely pouring out of the whisky and subsequent adding of the mineral water, is thus facilitated. 65

#### WHAT I CLAIM IS:

1. A double flask for the reception of two different liquids, such as of whisky and mineral or soda water, or another spirit  
70 that is to be mixed with water, the individual containers of which are combined into one integrated whole, comprising an inner bottle having an upper slender body portion and a lower body portion of en-  
75 larged diameter which forms a shoulder supporting an annular container placed over the slender body portion of the inner bottle and sealed by a foil cap.

2. A double flask as claimed in claim 1, 80 in which the annular container is held in position by an encircling label which also embraces the lower body portion of the inner bottle.

3. A double flask as claimed in claim 2, 85 in which the encircling label is applied by means of adhesive strips adhered respectively to the annular container and to the lower body portion of the inner bottle.

4. A double flask as claimed in claim 1, 90 2 or 3, in which the upper slender body portion of the inner bottle, as well as the inner wall of the annular container, are non-circular.

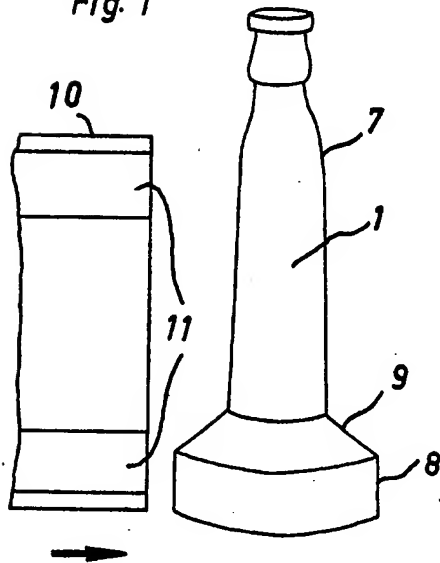
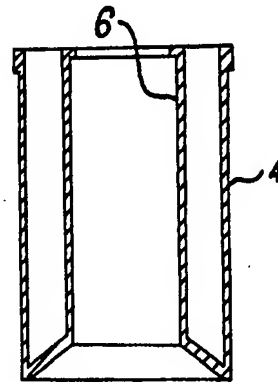
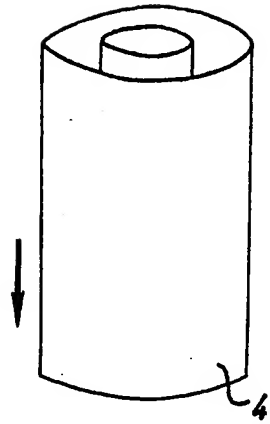
5. A double flask as claimed in any pre- 95 ceding claim, in which the inner bottle is provided with a screw cap having a point for piercing the foil cap of the annular container.

6. A double flask as claimed in any pre- 100 ceding claim, in which the cubic capacities of the inner bottle and of the annular container correspond to the customary mixture ratio of the two liquids.

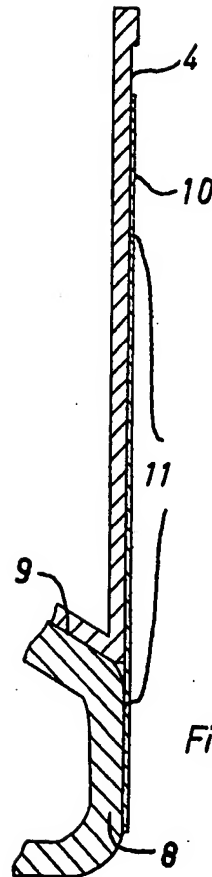
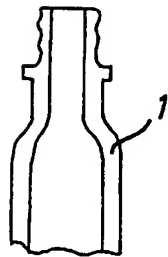
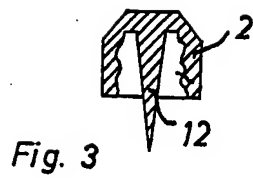
7. A double flask for the reception of two 105 different liquids, constructed and arranged substantially as herein described with reference to and as illustrated in Figs. 1, 2, 3 and 5 of the accompanying drawings.

8. A double flask for the reception of 110 two different liquids, constructed and arranged substantially as herein described with reference to and as illustrated in Figs. 1, 2, 4 and 5 of the accompanying drawings. 115

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**LABELLED END USER CONTAINERS FOR ORALLY ADMINISTERED SUBSTANCES****Publication number:** WO0187722**Publication date:** 2001-11-22**Inventor:** ROBINS STUART**Applicant:** ZENITH GOLDLINE PHARMACEUTICAL (US)**Classification:****- International:** B65D23/14; G09F3/02; G09F3/04; B65D23/00;  
G09F3/02; G09F3/04; (IPC1-7): B65D23/08**- European:** B65D23/14; G09F3/02; G09F3/04**Application number:** WO2001US15786 20010516**Priority number(s):** US20000572294 20000516**Also published as:**

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**Report a data error here****Abstract of WO0187722**

The labelled container (10) of the invention includes a container having a bottom portion (16) and a sidewall (18) extending therefrom to an opening (20) at a end opposite the bottom portion (16). The opening (20) is adapted for receiving a removable cover (22) (or cap). The sidewall (18), or at least a portion thereof, is transparent. A label (30) bearing indicia representative of the contents of the container is disposed on the outer surface of the sidewall (18). The label has a substantially transparent region (32) surrounded by a substantially non-transparent region (34). When the label (30) is disposed on the sidewall (18), the transparent region (32) is positioned to overlap at least part of the transparent portion of the container (10). The transparent region (32) of the label may be a hole pressing through the label or a sheet or film which is a sheet contiguous with the non-transparent region (34) of the label (30). Preferably, the non-transparent region (34) of the label (30) includes a border extending from the transparent region of the label. The border has an optical reflectivity characterized by a first spectral range. A portion of the non-transparent region (34) of the label (30) extending from points adjacent to the border has an optical reflectivity characterized by a second spectral range, where the first spectral range is different than the second spectral range.

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